

**GAVILAN COLLEGE**  
**Aviation Maintenance Technology**  
**Minimum Required Tools List**  
Rev. G

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 (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.Metal files
- 33.Drill bits: 5 - #40  
5 - #30  
5 - #21
- 34.Rivet gage (#3 thru #5)
- 35.Sharpie - Ultra Fine Tip
- 36.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. Clip board
7. Offset Phillips and slotted screwdrivers
8. Vise grip pliers