



Thomas J. Rollins, Principal ■ Stephen A. Brooks, Assistant Principal ■ Jesse Wolfe, Coordinator, Adult Education

General tool requirement to begin Aviation Maintenance Technician program.  
(Suggested items)

#### Aviation tool listing

1. Duckbill pliers, 7 3/4" long
2. Diagonal cutting pliers, 6 1/3" long
3. Needle nose Pliers, 6" long
4. 6" Slip-joint pliers
5. Center punch, 5" long
6. Pin punch 3/32" diameter
7. Pin punch 1/8" diameter
8. Pin punch 5/32" diameter
9. Pin punch 3/16" diameter
10. Pin punch 1/4" diameter
11. Chisel, 1/2" wide x 5 1/2" long
12. Ball peen hammer, 8 oz.
13. Plastic tip hammer, 16 oz.
14. Hacksaw for 10-12" blades
15. 2 ea. Hacksaw blades 32 teeth
16. Flat file, 10"
17. Half round file, 10"
18. Round file, 10"
19. Flat file, 6"





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20. 4" file set
21. Adjustable file handle
22. 6" divider
23. 6" ruler with 1/64, 1/32, 1/16, & 1/8" scales
24. 10' flexible steel tape, 3/4" blade
25. Combination square with 1/64, 1/32, 1/16, & 1/8" scales
26. Safety glasses
27. Hearing Protection, ear muffs control pouch  
(Must withstand a min. of 23 decibels)
28. Double point scribe
29. No. 2 Phillips screwdriver, 6" long
30. 6" long, 5/16" Straight Slot Screwdriver
31. Aviation snip set (straight, right, left cut)
32. 3/32" Twist drill
33. 2 ea. 1/8" Twist drill
34. 5/32" Twist drill
35. 3/16" Twist drill
36. 5/16" Twist drill
37. 7/16" Twist drill 38. 3/8" Twist drill
39. 1/4" Twist drill
40. #03 Twist drill
41. #10 Twist drill.
42. #11 Twist drill
43. #21 Twist drill
44. #22 Twist drill





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- 45. #27 Twist drill
- 46. #29 Twist drill
- 47. 2 ea. #30 Twist drill 48. #31 Twist drill
  
- 49. #40 Twist drill
- 50. #41 Twist drill
- 51. #51 Twist drill
- 52. Letter F twist drill
  
- 53. Letter I twist drill
  
- 54. Letter Q twist drill
  
- 55. Tool Bag
  
- 56. Flashlight
- 57. Inspection mirror
- 58. Fractional, Numbered, and Letter Drill Control Pouch
  
- 59. Respirator
  
- 60. Tool Control Pouch for Combo Wrenches
  
- 61. Combo 12-pt wrench 3/8"
- 62. Combo 12-pt wrench 7/16"
- 63. Combo 12-pt wrench 1/2"
  
- 64. Combo 12-pt wrench 9/16"
- 65. Combo 12-pt wrench 5/8"
- 66. Combo 12-pt wrench 11/16"
  
- 67. Combo 12-pt wrench 3/4"
  
- 68. Combo 12-pt wrench 7/8"
  
- 69. Combo 12-pt wrench 15/16"
  
- 70. Combo 12-pt wrench 1"
  
- 71. Combo 12-pt wrench 1/4"
  
- 72. Combo 12-pt wrench 5/16"





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Digital Multimeter with 50,000 OHMS/Volt DC - 10,000 OHMS/Volt AC capability  
Calculator: TI-30Xa

### Aviation advanced tool listing

1. 3/16 – 3/8" Combo ignition wrench set with pouch
2. 3/8" drive ratchet set w/ext.
3. 3/8" drive 12-pt socket, 3/8"
4. 3/8" drive 12-pt socket, 7/16"
5. 3/8" drive 12-pt socket, 1/2"
6. 3/8" drive 12-pt socket, 9/16"
7. 3/8" drive 12-pt socket, 5/8"
8. 3/8" drive 12-pt socket, 11/16"
9. 3/8" drive 12-pt socket, 3/4"
10. Tool control for sockets
11. 1/2" drive deep-well spark plug socket, 6 pt
12. 3/8" drive flex handle
13. 3/8" drive 6-pt socket, 7/16"
14. 3/8" drive 12-pt socket, 13/16"
15. 3/8" drive 6-pt socket, 9/16"
16. 3/8" drive 6-pt socket, 7/8"
17. 3/8" to 1/4" adapter
18. 1/4" to 3/8" adapter





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19. 3/8" to 1/2" adapter
20. 1/2" to 3/8" adapter
21. Torx T-20 bit or screwdriver
22. 1/4" drive flex handle
23. 12 pt. 1/4" drive socket set 1/4 - 9/16"
24. 1/4" drive ratchet
25. 1/4" drive 6" extension
26. 1/4" drive universal joint
27. Allen wrench set: .028", .035", 3/64",  
1/16", 5/64", 3/32", 7/64", 1/8", 9/64",  
5/32",
28. 3/16", 7/32", 1/4", 5/16", 3/8"
29. Feeler gauge, tapered leaf .0015-.025
30. Flexible magnet pick-up tool
31. Stripper for wire, size No. 14-22
32. 1/4" drive long shank driver
33. 10" Crescent Wrench
34. 40w soldering iron
35. 5" Flush cut pliers

To be an employable mechanic you will be required to have a securable roll away tool box: we suggest US General Series 2 KRA4008FPBO @ harbor freight or something comparable. Also it will have to be foamed out to account for all tooling.....If you would like to go a little bigger we suggest US General Series 2 KRA 4813FPBO also @ harbor freight.

