



AVIATION MAINTENANCE MANAGEMENT TOOL LIST

Below is a comprehensive list of tools required for courses within the Aviation Maintenance Management degree. Feel free to consult your instructor to learn more about the different types of tools.

REQUIRED TOOLS:

BASIC MECHANIC ESSENTIALS

- ☐ Locking Toolbox
- ☐ Screwdriver Set including
 - ☐ Flat Blade
 - ☐ Stubby
 - ☐ 4 inch
 - ☐ 6 inch
 - ☐ Phillips
 - ☐ #2 Stubby
 - ☐ #2 Standard length (5" to 8")
 - ☐ #1 Standard length
- ☐ Flashlight
- ☐ Inspection mirror (telescoping with rotating mirror)
- ☐ Telescoping Magnet
- ☐ Combination Wrench Set-Fractional
 - ☐ 1/4" - 7/8"
- ☐ 1/4" Drive
 - ☐ Deep 12-point socket set Sizes 3/16"-7/8"
 - ☐ Shallow 12-point socket Sizes 3/16"-7/8"
 - ☐ Ratchet
 - ☐ Wobble Extension (4"-6")
 - ☐ 2" Extension
 - ☐ 4" Extension
 - ☐ Universal Joint Adapter
 - ☐ 1/4" to 3/8" Adapter
- ☐ 3/8" Drive
 - ☐ Deep 12-point socket set Sizes 1/4" - 7/8"
 - ☐ Shallow 12-point socket set Sizes 1/4" - 7/8"
 - ☐ 7/8" Aircraft Spark Plug Socket
 - ☐ Ratchet
 - ☐ 3" Extension
 - ☐ 6" Extension
- ☐ Hex Wrench Set (Allen) Fractional .05-3/8"
- ☐ Hex Wrench Set (Allen) Metric 1.3mm-10mm
- ☐ Duck Bill Pliers
- ☐ Vice Grip Pliers
- ☐ Flush Cut Pliers
- ☐ Diagonal Cutters 6" to 8"
- ☐ Feeler Gauge .0015" to .030"
- ☐ Measuring Tape 8 ft minimum length
- ☐ 12" Combination Square with Stock Head (Measurements in 1/64" increments)
- ☐ Safety Wire Pliers
- ☐ Snap Ringer Pliers
- ☐ Fabric Scissors
- ☐ Calculator
- ☐ Tire Valve Core Removal Tool



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STRUCTURES RELATED TOOLS

- ☐ Punches
 - ☐ Pin Punch- 1/8" & 3/32"
 - ☐ Center Punch
 - ☐ Automatic Center Punch
 - ☐ Brass Pin punch - 1/2" diameter 6-8" long
- ☐ Chisel 3/8"
- ☐ 6" Steel Rule 1/64" scale
- ☐ Ball Peen Hammer 8 to 16 oz
- ☐ Soft Face (Dead Blow) Hammer
- ☐ Files
 - ☐ 8" Full Round File
 - ☐ Flat Fine Single Cut File
 - ☐ Smooth 1/2 Round File
 - ☐ Coarse 1/2 Round File
 - ☐ Flat Bastard Double Cut File
- ☐ File Handle
- ☐ File Card (File Cleaning Brush)
- ☐ Drill Bits
 - ☐ #21 Gauge- Qty: 3
 - ☐ #30 Gauge - Qty: 3
 - ☐ #41 Gauge - Qty: 3
 - ☐ 1/4" Qty: 1 (for deburring holes)

ELECTRICAL AND AVIONICS

- ☐ Digital Multimeter
 - ☐ Voltage AC/DC
 - ☐ Ohms
 - ☐ Capacitance
 - ☐ Amperage

SAFETY ITEMS

- ☐ Shatter proof safety glasses with side shield
- ☐ Nitrile Gloves-Heavy Duty or box of disposable
- ☐ Hearing protection-earplugs or earmuffs
- ☐ Mechanic's Gloves (optional but recommended)

AVIATION TOOL SUPPLIER OPTIONS:

The following are not affiliated or endorsed by K-State Salina.

- aircraft-tool.com
- yardstore.com
- browntool.com
- aircraftspruce.com