

AVM REQUIRED TOOLS

Safety Items

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

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)
- Combination Wrench Set- Fractional
 - 1/4" – 7/8"
- 1/4" Drive 12-point Socket Set
 - Sizes 3/16" – 7/8"
 - Deep
 - Shallow
 - Flex
 - 1/4" Drive Ratchet
 - 1/4" Wobble Extension
 - 1/4" Drive 2" Extension
 - 1/4" Drive 4" Extension
 - 1/4" to 3/8" Adapter
- 3/8" Drive 12-point Socket Set
 - Sizes 1/4" – 7/8"
 - Deep
 - Shallow
 - 3/8" Drive Ratchet
 - 3/8" Drive 3" Extension
 - 3/8" Drive 6" Extension
- Hex Wrench Set (Allen) Fractional .05-3/8"
- Hex Wrench Set (Allen) Metric 1.3mm-10mm
- Slip Joint Pliers (Channel Lock or water pump)
- 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
- Safety Wire Pliers
- Fabric Scissors
- Calculator
- Spark Plug Sockets
- Snap Ring Pliers
- Tire Valve Core Removal Tool

Structures Related Tools

- Punches
 - Pin Punch- 1/8" & 3/32"
 - Center Punch
 - Automatic Center Punch
- 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
 - Flat Bastard Double Cut File
 - Smooth 1/2 Round File
 - Coarse 1/2 Round File
- File Handle
- File Card (File Cleaning Brush)
- Drill Bits 3 each of sizes
 - #20
 - #21
 - #30
 - #31
 - #40
 - #41
 - 1/4"

AVM REQUIRED TOOLS

- Hacksaw
- Hacksaw Blade 32 Teeth Per Inch
- Aviation Tin Snips
 - Left Cut (Red)
 - Right Cut (Green)
 - Straight Cut (yellow)

Electrical and Avionics

- Digital Multimeter
 - Voltage AC/DC
 - Ohms
 - Capacitance
 - Amperage
- Wire Crimper- Ratcheting Style
- Wire Stripper (Not as part of a wire crimping tool)

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Companies specializing in aviation tooling

www.aircraft-tool.com

www.yardstore.com

www.browntool.com

www.aircraftspruce.com