AVM Required Tool list

Students in the Aviation Maintenance Management program are required to have their own tools and some form of tool box when attending laboratory events.

Locking Tool Box
Screw Driver Set Including:
- Flat blade Stubby
- Flat 4”
- Flat 6”
- #2 Phillips Stubby
- #2 Phillips
- #1 Phillips

Duck bill pliers
Diagonal Cutters 6” to 8”
Flush cut pliers
6” steel rule 1/64” scale
Safety glasses (Shatter proof) with side shields
6” dial calipers (or 6” Vernier Calipers)
25 Watt Soldering Iron
Volt-Ohm Meter (VOM)
Ball Peen Hammer 8 to 16 Oz
Files Including
- 8” full round file
- Flat Bastard double cut File
- Flat fine single cut File
- ½ round files
- Corse
- Fine
- File handle
- File Card for cleaning the file

Flashlight
Hacksaw
Hacksaw blades 32 teeth per inch
Combination wrench set (Standard) ¼” to 7/8”
Ear plugs
Safety Wire Pliers
¼” socket set include but not limited to
- 12 point 3/16” to 9/16” sockets (standard)
  - Shallow
  - Deep well
  - Flex
- ⅛” ratchet
- ⅛” wobble extensions
- 2” extension
- 4” Extension
- ¼” to 3/8” adapter

Feeler Gauge .0015” to .030”
Nitrile Gloves (Either Heavy duty or a box of disposable)
3/8” Drive Socket Set Including, but not limited to:
- 12 point 1/4” to 7/8” inch sockets
  - Shallow
  - Deep Well
- 3/8 Ratchet
  - Universal
  - 3” extension
  - 6” extension
- Torque wrench 30 to 200 inch pounds
- 3/8” female to 1/2” male adapter
- Hex Wrench (allen) .050” to 3/8”
- Slip Joint Pliers (channel lock or water pump pliers)
- Standard Pliers
- Vise grip pliers
- Soft Face Hammer (dead blow)
- Aviation Snips Set (Right, Left, and Straight)
- Fabric Scissors
- Tire Valve Core Remover
- Wire Strippers (Not as a part of a wire crimping tool)
- Wire Crimpers Ratcheting Style
- Punches including but not limited to:
  - Pin punches (1/8” and 3/32”)
  - Center punch
  - Automatic center punch
- Chisel 3/8”
- Measuring tape at least 8 ft
- 12” inch combination square with the stock head