

Aviation Maintenance Technician Tool List (Required by Student)

Student tools are a requirement of this program and should be purchased upon entering the program. Students may provide their own tools if they wish, but may not enroll in any Airframe or Powerplant courses until their tools are presented to the Hangar Tool Room Technician for inventory. Students must provide a tool set consisting of the tools listed below. A student tool kit is available for purchase through the Kent Campus bookstore. Students may supply their own tools, but must provide everything listed on the list below. Students who choose to provide their own tools should note the restriction on toolbox size. Students should procure quality US-made tools. Cheap import tools will only damage expensive parts and will not be allowed. Acceptable brands include Snap-On, Proto, MAC, MATCO, Armstrong, Wright, and Craftsman. Contact the Program Manager if you have any questions concerning the student tool requirements.

WRENCHES

11 Standard Combination Wrenches

1/4"	5/16"	11/32"	3/8"	7/16"	
1/2"	9/16"	5/8"	11/16"	3/4"	7/8"

Open End Ignition Wrench Set 13/64" thru 3/8"

SOCKET WRENCH SET – 1/4" DRIVE

10 Twelve Point Shallow Sockets

5/32"	5/16"
3/16"	11/32"
7/32"	3/8"
1/4"	7/16"
9/32"	1/2"

8 Six Point Shallow Sockets

1/4"	3/8"
9/32"	7/16"
5/16"	1/2"
11/32"	9/16"

Flex Socket: 1/4", 5/16", 3/8", 11/32", 7/16"

1/4" Dr. Ratchet

2" Extension

4" Extension

SOCKET WRENCH SET – 3/8" DRIVE

9 Twelve Point Deep Sockets

3/8"	9/16"	3/4"
7/16"	5/8"	13/16"
1/2"	11/16"	7/8"

9 Twelve Point Shallow Sockets

3/8"	9/16"	3/4"
7/16"	5/8"	13/16"
1/2"	11/16"	7/8"

9 Six Point Shallow Sockets

5/16"	7/16"	5/8"
11/32"	1/2"	11/16"
3/8"	9/16"	3/4"

3/8" Dr. Ratchet

6" Extension

3" Extension

Universal Joint

***Note: Toolbox must fit within student locker that measures 14.5"W x 19"L x 21"H.**

Toolboxes are preferred over a tool bag. Roll-away boxes are not permitted. Revised 3-12-12.

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PLIERS

7" Diagonal Cut

8" Duckbill

7" Needle Nose

8" Slip Joint

Short Hex Key Set: .050" thru 3/8"

3/32" x 4" Pin Punch

1/4" x 4 1/2" Center Punch

1/8" x 5" Pin Punch

5/32" x 6" Pin Punch

3/16" x 6" Pin Punch

1/2" x 5" Cold Chisel

SCREWDRIVERS

1/4" x 1 1/2" Slotted

3/16" x 6" Slotted

1/4" x 8" Slotted

#2 x 1 1/2" Phillips

#1 x 7" Phillips

#2 x 8" Phillips

MISCELLANEOUS

Scribe

24 oz. Soft Face Hammer with removable tips

12 oz. Ball Peen Hammer

24" Mechanical Fingers

Inspection Mirror, 2 1/4" round

6" Steel Rule (1/32 and 1/64 scale)

Protective Eyewear (safety, clear lens)

Hearing Protector (ear muff style)

Flashlight (2-D cell or equivalent)

Multi-Meter (digital auto-ranging)

Tool Box*