

## **AVIATION MAINTENANCE MINIMUM TOOL LIST**

### **PERSONAL PROTECTIVE EQUIPMENT**

#### EYE PROTECTION

Must meet ANSIZ87. Corrective lenses which do not meet ANSIZ87 MUST be covered by safety glasses which meet the Standard.

#### HEARING PROTECTION

Ear muff style is recommended

#### RESPIRATORY PROTECTION

Dust mask AND Activated Charcoal type respirator with airtight storage enclosure

#### WELDING GLOVES (optional)

All leather, gauntlet type

#### LEATHER GLOVES

#### CLOSED TOE LEATHER SHOES/ Boots

### **MEASURING TOOLS**

#### OUTSIDE MICROMETER

Analog, 0-1" range, graduated to .0001"

#### VERNIER CALIPER

Dial indicating, 0 -6" range, graduated to .001"

#### COMBINATION SET

Includes 12" machinists square, protractor head and centering head

#### MACHINISTS SCALE

6", graduated in 1/100" and 1/64". Flexible.

#### STEEL TAPE RULE

12' minimum

#### MULTIMETER

Digital, capacitance check, diode check **REQUIRED**

#### FEELER GAUGE SET

.001" - .040"

### **INSPECTION TOOLS**

#### INSPECTION MIRROR

Approx 2", round or rectangular

#### FLASH LIGHT

#### 10X MAGNIFYING GLASS

## **PLIERS**

VICE GRIP LOCKING PLIERS 6"

DUCK BILL PLIERS 8"

NEEDLE NOSE 6"

NEEDLE NOSE 11"

DIAGONAL CUTTING PLIERS 6"

"CHANNEL LOCK" PLIERS 10"

SAFETY WIRE PLIERS 6 or 9 inch

## **12 POINT COMBINATION WRENCHES**

SET, SIZE 1/4"-1" Twelve point

Set, small ignition wrenches (Craftsman)

## **SCREWDRIVERS**

#1 and #2 Phillips. Short, medium and long

Flat head screwdrivers. Short, medium and long

## **METAL WORKING TOOLS**

CENTER PUNCH

SCRIBE straight and 90 degree bend

HACK SAW

12" with 32 teeth per inch

FILE

Half round, round and flat. All files 8"

WOOD OR PLASTIC FILE HANDLES

FILE CARD

COLD CHISEL

PIN PUNCH SET 1/16"-3/16"

BRASS PIN PUNCH 1/4"- 1/2"

## **SOCKET SETS**

1/4" DRIVE SHALLOW AND DEEP SIZE SOCKET SETS

1/4"-9/16" TWELVE POINT

1/4" DRIVE RATCHET HANDLE

1/4" DRIVE EXTENSION 3" LENGTH

1/4" DRIVE EXTENSION 6" LENGTH

3/8" DRIVE SHALLOW SOCKETS

3/8"-1" Twelve Point

3/8" DRIVE RATCHET HANDLE  
3/8" DRIVE SPEED HANDLE  
3/8" DRIVE EXTENSION 3"  
3/8" DRIVE EXTENSION 6"  
3/8" Female to 1/4" male adapter  
1/4" and 3/8" drive universal adapters

### **Other Tools**

TIRE VALVE CORE TOOL  
BALL PEEN HAMMER 12 OUNCE OR LESS  
SOFT FACE HAMMER  
HEX KEY SET  
    .050"-3/16"  
CALCULATOR, Scientific  
PLASTIC PROTRACTOR  
PENCIL COMPASS  
EXACTO TYPE KNIFE  
Multi-tool (Gerber/ leatherman, etc.)  
TOOL BOX

Lockers are 22" deep and 12" wide.

You can buy a bigger box/ roll-away if you choose to keep it on the floor.

AIRCRAFT SPARK PLUG SOCKET

3/8" drive six point 7/8". This is a specific type of socket. Use of non application specific socket could damage spark plugs or engines.

PUTTY KNIFE 1" WIDE