Aero Tool List (Rev. 11 01/01/02)

TOOL LIST

AERO 130 & 131 GENERAL - REQUIRED TOOLS

Safety glasses or Goggles, (OSHA approved Z 87)
Ear protectors (ANSI Stand. 53.19, NRR of 23-28 decibels)
Respirator (particulate to a size of .05 NG/M)
Ratchet 1/4” drive
Ratchet 3/8” drive
Breaker bar 1/4” drive
Extension 1/4” drive approximately 4” long
Extension 1/4” drive approximately 6” long
Extension 3/8” drive approximately 6” long
Extension 3/8” drive approximately 3” long
Universal joint 1/4” drive
Universal joint 3/8” drive
Speed handle 3/8” drive
Socket set 1/4” drive 12 point standard (10 sockets)

Socket set 3/8” drive 12 point standard (12 sockets)
4/3”, 13/16”, 7/8”

Wrenches, combination 12 point (9 wrenches)

Screwdrivers (8 tools)
slotted: 3 1/4”, 6 1/2”, 8 13/32”, 10 15/16”, 13 1/2” (approx. overall length)
Phillips: 3 1/4”, 6 21/32”, 8 13/32” (approx. overall length)

Screwdriver-offset slotted 4” long
Screwdriver, Magnetic 12” long using replaceable bits
Screwdriver, Phillips stubby
Screwdriver, Slotted stubby
Socket, Sparkplug 7/8” 6pt or 12pt, 3/8” or 1/2” drive, with or without holding magnet

Sockets Universal 1/4” drive 5/16” through 1/2” 12 point
Sockets Universal 3/8” drive 1/2” through 3/4” 12 point

Stone, Blending (Arkansas) for blending titanium blades

Tape Measure, roll up 10 feet by 1/2” or 3/4”

Wire twisters (safety wire pliers)
3/8” Breaker Bar

AERO 132, 134 & 136 POWERPLANTS - REQUIRED

Brass Punches 1/4”, 3/8”, 1/2”
Hex Key set (Allen wrenches)
Magnet, telescoping handle, flexible head
Scissors 10”

Screwdriver, Magnetic 12” long using replaceable bits
Screwdriver, Phillips stubby
Screwdriver, Slotted stubby
Socket, Sparkplug 7/8” 6pt or 12pt, 3/8” or 1/2” drive, with or without holding magnet

Sockets Universal 1/4” drive 5/16” through 1/2” 12 point
Sockets Universal 3/8” drive 1/2” through 3/4” 12 point

Stone, Blending (Arkansas) for blending titanium blades

Tape Measure, roll up 10 feet by 1/2” or 3/4”

Wire twisters (safety wire pliers)
3/8” Breaker Bar

AERO 133, 135 & 137 AIRFRAME - REQUIRED

“C” clamps 2”, two to four

Dividers
Drill bits (sheet metal) #11, #21, #30, #40, (3 each)
Files, set of 4 needle (small files)

Protractor, movable arm (could be incorporated with square)
Putty Knife, stiff blade approximately 1 1/2” wide

Razor with holder (Exacto Knife or the like)
Scribe
Snips, Aircraft sheetmetal: straight cut, left cut, right cut

Square 12” (could be incorporated with protractor)
Squeeze Clamps 3” two to four

HIGHLY RECOMMENDED - NOT REQUIRED

Air Chuck for filling tires
Blow gun, compressed air

Brushes, stainless steel, nylon (tooth brush size)
Calipers, inside-outside or one of each

Core Remover for tire valves
Drills #1 to #60 (1 set)
Drills fractional 1/16” to 1/2”

Drill Gauge, #

Drill Gauge, fractional
Files, Swiss (one set) various shapes, about 6 inches long

File, Vixen 8” to 10” long
Gasket Scraper
Goggles, welding, brazing
Hammer 8oz Ball Peen
Hole Finder 3/32”, 1/8”
Screwdriver offset Phillips 4” long
Snap-Ring Pliers internal-external with replaceable tips
Solder, Rosin Core
Soldering Iron, small (at least 40 watts)
Tire Pressure Gauge
Wrenches, Crows Foot 7/16” through 1” (one set)
Wrenches, midget combination, 5/16”, 3/16”, 13/64”,
    7/32”, 15/64”, 1/4”, 9/32”, 5/16”, 11/32”, 3/8”, 7/16”

OPTIONAL - NOT REQUIRED TOOLS
Brush, Parts Cleaning
Caliper, Dial 6”
Cotter Key Remover
Extension 1/2” drive 3” long
Extension 1/2” drive 5” long
Flaring Tool set with tube cutter (aircraft 37 degree)
Micrometer, 1” with carbide faces & vernier scale
    1/2”, or 1/4” drive handle for sockets
Ratchet 1/2” drive
Rollaway tool box
Phillips tips
Socket Set 1/2” drive 7/16” to 1” (12 point)
Torque Wrench 150 to1000 inch pounds
Torque Wrench 0 to 200 foot pounds
Tool Marker (electric etcher)
Universal Joint 1/2” drive
Wrenches, open end 45 degree angle head, 3/8” to 1”