

Facilities List

NUMERICAL CONTROL MILLING

- 1 Cincinnati 20V 5-axis Vertical w/ 120" x 30" x 24" travel
- 1 Cincinnati 30V 5-axis Vertical w/ 144" x 72" x 24" travel
- 1 Mazak MTV 815/120-5x 5-axis Vertical w/ 120" x 32" x 24" travel
- 1 Mazak AJP 50/120 3-axis Vertical w/ 120"x 45"x 20" travel
- 2 Mazak AJV 35/80 3-axis Vertical w/ 80"x 35"x 20" travel
- 1 Mazak AJV 35/30 3-axis Double Pallet Vertical w/ 80"x 35"x 20" travel
- 1 Mazak FJV 25 3-axis Vertical w/ 40"x 20"x 18" travel
- 1 Mazak FJV 35/60 3-axis Vertical w/ 60"x 31" x 23" travel
- 1 Mazak Ultra 650 4-axis Horizontal w/ 40"x 31" x 31" travel
- 1 Hitachi Seiki 3 _axis Horizontal
- 1 Matsuura 1000 3-axis twin spindle Vertical w/ 41"x 22"x 28" travel
- 1 Matsuura 500 3-axis twin spindle Vertical w/ 20"x 14"x 17" travel
- 1 Matsuura 710 3-axis Vertical w/ 40"x 22"x 36" travel
- 1 Kitamura "MYK" 3-axis Vertical w/ 12"x 6" x 24" travel
- 1 Bridgeport 4-axis Horizontal w/ 13"x 9"x 11" travel

CONVENTIONAL MILLING

- 9 Vertical Bridgeports Model 'J', 1 H.P. 30" x 12" w/ Power Feed
- 3 Vertical Bridgeports 'J', 1 H.P. 30" x 12" w/ Pwr Feed & Digital Cntrl
- 3 Drill Presses
- 1 Kearny & Trecker No. 2 Vertical Miller w/ 36"x 12" travel
- 1 Van Norman No. 36 Horizontal/Vertical w/ 36" x 10" travel
- 3 Tapping Heads
- 2 DoAll Vertical Band Saws
- 3 Abene Universal Horizontal w/ 21" x 31" x 7"+9"
- 2 Supermax "YC" 2 H.P. Vertical w/ 40"x 12" travel and Pwr Feed
- 2 5-Head Rotary Transfer Machines
- 1 Moore Jig Bore No. 3 w/ 18"x 12"x 24" travel
- 1 SIPJig Bore Horizontal w/ Vert. Rotary Table
- 1 DoAll Horizontal Model C-305A Saw
- 40+ Spindles Available for Drilling and Tapping

AIRCRAFT ASSEMBLY

- 2 Chicago Pneumatic CP-450 Compression Riveter
- 1 Clearing Niagara HB 55-4-6 Hydraulic Brake
- 1 Hack Pop Riveter
- 10 Air Drills
- 3 Hi Loc Nut Runner Guns
- 6 Right Angle Air Drills
- 2 Right Angle Nut Runner Guns
- 4 Hand Rivet Squeezers

MECHANICAL ASSEMBLY

- 5 Assorted Drilling Machines (Multispindle)
- 2 150 lb. Capacity Air Presses
- 1 Dependable Compressor Silk Screening Machine

INITIATOR ASSEMBLY

- 1 John Chatillon & Sons/Model HTC Pull Tester

INSPECTION DEPARTMENT

- 1 DEA Gamma 1204 5-Axis Coordinate Measuring Machine
- 1 Starrett Coordinate Measuring Machine
- 6 Shadowgraph Comparators
- 6 Rockwell Hardness Testers

NUMERICAL CONTROL LATHE

- 2 Okuma LC20-2ST/250 4-axis w/ 15" swing
- 1 Okuma LC30-2ST/250 4-axis w/ 2 5/8 Dia. Bar Feed Capability
- 1 Okuma LC40-2St/250 4-axis w/ 23" swing
- 1 Okuma LC40-1ST/750 2-axis w/ 59" Lnth Cap. & 23" swing
- 1 Mori-Seiki SL-3 2-axis w/ 15" Length Capacity w/ 9" swing
- 1 Mori-Seiki SL-5 2-axis w/ 24" Length Capacity w/ 22" swing
- 1 Miyano JNC-35 2-axis w/ 1 3/8" Dia. Bar Feed Capacity
- 1 Miyano JNC-45 2-axis w/ 1 3/4" Dia. Bar Feed Capacity
- 1 Star Automatic Screw Machine SNC15-DX w/ 5/8" Dia. Capacity
- 1 Star Automatic Screw Machine SNC25-DX w/ 1" Dia. Capacity
- 1 Ikegai FX-25N 2-axis

CONVENTIONAL LATHE

- 2 LeBlond 19" Engine Lathe
- 1 Graziano SAG/14, 19" Engine Lathe
- 3 Hardinge Automatic Chuckers w/ 12" Bar Feed and Threading
- 3 Hardinge Automatic Chuckers w/ Threading
- 2 Hardinge Chucking Lathe
- 1 Tsugami Hand Chucker

COMPUTER SUPPORT SYSTEMS

- 1 IBM 43P RS/6000 Running CATIA Software (CAD/CAM)
- 1 IBM 350 RS/6000 Running as Ethernet Server
- 1 IBM 320 RS/6000 Running Valisys Software (Inspection)
- 1 Compaq Proliant 3000 6/333 Running Mfg/Accounting Software
- 15 Acer Pentium/233 Workstations Running from Proliant 3000
- 1 Shopnet 2000 DNC System
- 2 Data General Model 10 Running Encode Software (CAD/CAM)
- 1 Pentium 133 Running CCI Software (DNC)
- 1 Pentium 166 Running Genesis Software (CAD/CAM - Milling)
- 1 Pentium 350 Running Genesis Software (CAD/CAM - Lathe)
- 1 Miyano-Epson Portable NC Processor
- 1 Data Specialties INC Model NC2400X Punch

GEAR CUTTING

- 10 Mikron 79 Hobbing Machines
- 3 Mikron 102 Hobbing Machines with Bevel Attachments
- 4 Mikron 120.01 Bevel Machines
- 6 Barber Coleman 6-10 Hobbing Machines
- 3 3 Inch Fellows Shaping Machine
- 3 Fellows Model 7 Shaping Machines
- 4 Gleason Bevel Gear Testers
- 15 Assorted Gear Testers (with Tailstock + overhead centers)
- 4 Parkson Model B Universal 9" Tester
- 1 J&L Optical Comparator

GRINDING / DEBURRING

- 1 Kellenberger Type 1000U Universal Cylindrical Grinder
- 1 Boyar Schultz Tool Surface Grinder, Wheel 7" Dia.
- 4 Cincinnati Tool & Cutter Grinder
- 2 Sunnen Precision Horizontal Honing Machine 2-1/2" Dia. Cap.
- 1 Ex-Cello Electrical Discharge Machine (EDM) 8" x 30" x 24"
- 1 Precision Oven Size 4 cu.ft. with Honeywell Graf Plotter
- 1 Atieffe R600 Universal Cylindrical Grinder
- 2 Wolverine Vacuum Deburring Machines

