

# **ME 38**

## **First Cabinet**

### Top Shelf

- 1 Orange case with small tilt guage.
- 1 Grey case with tilt guage.
- 1 Red case with dial indicator
- 1 Dial indicator
- 1 Box of various collets and magnetic stands
- 1 Box of Diamond tip Grinder Dresser
- 1 Box of mounting rods
- 2 Boxes of Vida Grinding Wheels
- 1 Box of Milacron Grinding Wheels
- 1 Box of misc. Clamps
- 1 Filter for Wet-Dry Shop Vac
- 1 Box with misc. parts from carbon fiber project
- 1 Wooden box with large dial calipers
- 1 Fixture for lathe
- 1 Box containing Four-Jaw Chuck for lathe
- 1 Shop Vac Filter
- 2 Respirators
- 1 Box with Diamond Cutters
- 1 Case with turning mirror for CO2 laser (used)
- 1 Shield for IR Camera

### Second Shelf

- 1 Box of large Corsage Pins
- 1 Whatman 70mm diameter paper filter
- 1 Box of microscope slides
- 1 Box of Zyalox ceramic sticks
- 1 Packet of Mullite Experiment Matrix Photos
- 1 Box of Zirconia sticks
- 1 10mW HeNe Laser and Switch Box
- 1 Tool Holder from Elliot Tool Technologies
- 1 Pair if Cryogenic Gloves
- 1 Large Pyrometer Model #PF865
- 1 External Controller for CO2 Laser
- 1 Case for Dynamometer
- 1 CO2 Laser Power Meter
- 1 Box with 3 Mounted Grinding Wheels
- 1 Tiffen Haze Filter
- 1 CO2 External Controller

### Third Shelf

- 1 Box with Vickers Hardness Indenters
- 1 Pyrometer 500 - 1500 C
- 1 Pyrometer Fiber View 6000 250 - 650 C

- 1 Box Containing Si<sub>3</sub>N<sub>4</sub> Chips from LAM
- 1 Box of Cutting Tools used for LAM IN 718
- 1 Box of supplies used for Frank Pfefferkorn's Experiments including:
  - 1 Boring Bar
  - 1 Center
  - 1 Tool Holder
  - 1 Slide Wheel for Lathe Door
- 1 Box of Mullite Workpieces (unmachined)
- 1 Case with Surface Roughness Tester
- 1 Box with Ceramic Plates from Ceradyne, Inc.
- 1 Box of Kennametal Cutting Tools
- 1 Box of Carbide Tool Bits
- 1 Large box of Pipe and Tube Fittings
- 1 Box of items used for Cryogenic Experiments
- 1 Box of Misc parts including:
  - 1 Actuator
  - 2 PSI Guages
  - 1 Air Flow Meter

#### Forth Shelf

- 1 Box containing various cutting tips for lathe
- 2 Cases of workpieces labled "LAM of PSZ by Frank Pfefferkorn"
- 1 Case of workpieces labled "Yinggang"
- 1 Case of workpieces labeled "LAM of Mullite by Pat Rebro"
- 1 Case of workpieces labeled "LAM of CGI Stephen Skvarenina"
- 2 Packets of photographs
- 2 Cases of various ceramic workpieces
- 1 Box of microscope slides
- 1 Bag labeled Caterpillar Silicon Nitrate

#### Fifth Shelf

- 1 5 Gallon Labeled Bucket of Way Lube 68
- 1 Bottle of Spindle Oil
- 1 Quart of Shell 10W-30 Motor Oil
- 1 Gallon Container of Paint Thinner (almost empty)
- 1 Gallon Container of Break Up Solvent
- 1 One Quart BIX Spray on Stripper
- 1 Bottle of CLR
- 1 Bottle of Aquadag
- 1 Bottle of 931 Graphite Adhesive
- 1 Small Can of Pyromarx High Temperature Black Paint
- 1 One Gallon of Bleach
- 1 Bottle Labeled Refractocoat N65 Powder
- 1 Bottle Labeled Refractocoat MGS-Liquid
- 2 Quarts of Rust Master Oil Enamel
- 5 Cans of Spray Paint
- 1 Gallon of Paint

- 1 Can of Dry Graphite Lubricant
- 1 Quart of Rust-oleum Oil Based Enamel
- 1 Bucket Labeled ZYP Coatings
- 1 Can Labeled Aviation Wheel Bearing Grease
- 1 Bottle Labeled Oil, Vitera. 32
- 2 1 Gallon Bottles of Mobil Circulation Oil
- 1 Bottle Labeled Contrinics Thinnners and Hardeners
- 1 Bottle Labeled Contronics 931 Graphite Adhesive