

## IMI FACILITIES LIST

January 2016

### MRP & SHOP FLOOR CONTROL

- (2) Dell Power Edge Sequel Servers
- (11) Dell Windows Workstations running Shoptech E2 Enterprise Production Control Software

### CAD/CAM

- (3) Dell Windows Workstation w/Pentalogix CAM Software – Current Generation
- (1) Barco Gerber Systems Crescent/30 Laser Photoplotter
- (1) Dell Power Edge Server

### PHOTO

- (1) MTH Protector Film guard
- (1) Multiline Optiline Film Punch
- (1) Agfa Rapiline 660 Film Processor
- (1) Microba Diazo Film Processor

### IMAGE

- (1) DuPont LC-2400 Dry Film Laminator
- (2) Colight 1530 5 KW Exposure System
- (1) Circuit Services VCM Vertical Developer
- (1) Colight Polymeric Panel Cleaner

### LAMINATION

OEM Computerized 4 Opening Vacuum press – 100 Ton-Full Vacuum

### DRILL, ROUTING, TOOLING

- (1) Excellon Uniline 2000 Driller
- (2) Excellon Mark V CNC 6 Driller
- (1) Excellon Mark IV Router
- (1) Excellon XL-3 Driller-Router
- (1) Excellon EX-200 Driller-Router CNC 6
- (1) Barnaby V-score Machine
- (1) Multiline Acculine Laminate Punch  
CAD/CAM Interface to CNC Controllers
- (1) Glenbrook RTX-113 X-Ray Inspection System
- (1) Synrad FS201, 200 Watt, Sealed Class One Co2 Laser Trimmer/Driller.

### PLATING/ETCHING/ REFLOW

- (1) Tin Plating Line
- (1) Somaca Scrubber w/500 psi Rinse
- (1) Electroless Copper Line
- (1) Pattern Copper and Tin Lead Plate Line
- (1) Talus ConveyORIZED Etcher
- (1) Research Industries Infrared Reflow
- (1) Gyrex 810 HASL System
- (1) Fluoroetch Teflon Etch Line
- (1) Emersion Silver Plating Line
- (1) ENIG Nickel & Gold Plating Line
- (1) Electrolytic Deep Nickel & Gold Line Type III Grade “A” (Soft)
- (1) Wire Bondable Deep Nickel & Gold Line Grade “C” (Hard)

### SOLDER MASK AND LEGEND

Taiyo PSR4000 Liquid Photoimageable  
Thermal Cure SR 1000 Epoxy Inks  
Grieve LPI cure oven SB-550  
MASS VHF20/SV200/ES10 Via Fill System

### QUALITY ASSURANCE

- Comprehensive Chemical & Analytical Lab
- (1) P-E 372 AA Spectrophotometer
  - (1) MTS T5001 Tensile Tester
  - (1) Milton Roy 401 Spectrophotometer
  - (1) Vision TS4 Stereo Dynascope
  - (1) Buehler Ecomet IV X-section Auto Polisher
  - (1) Olympus PME Metallurgical Microscope
  - (1) Fischer-Scope X-Ray System XUVM  
Coating Thickness Computer
  - (3) Vision Lynx Stereo Dynascopes
  - (1) MicroVu V-16 CMM
  - (1) Barco Acumat AOI
  - (1) Alphametals Ionograph 500M SMD II
  - (1) Zemetrix ST200 TDR Impedance Tester

### BARE BOARD ELECTRICAL TEST

Circuit Line Precise FP-7 Flying Probe Tester



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ATG 500 Universal Grid Test System

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