

Equipment & Facilities List – August 2014

ADI-SP-630-1

Assembly & Integration Dept

- 1,800 Sq. Ft Certified Class 1,000 Clean Room; Class 100 Capable
- 1,400 Sq. Ft Class 10,000 Clean Room with 1 Ton Bridge Crane
- Certified Varian Leak Check Equipment
- 3,000 Sq. Ft Kitting & Inventory Storage Area

CNC Milling Dept

- Matsuura H Plus 630 Horizontal Machining Center (6 pallet); 39.5 x 42 x 39.5
- Niigata SPN-50 Linear Pallet Horizontal Machining Center (6 pallet); 29.5 x 29.5 x 29.5
- 2 – Matsuura ES-450HII Horizontal Machining Centers (5 pallet); 18 x 16 x 16
- Haas VF6SS Vertical Milling Center; 64 x 32 x 30, 2.3 second tool changes, 12,000 RPM, 1200 ipm Rapid.
- Haas VF6 Vertical Milling Center; 64 x 32 x 30
- 2 – Haas VF3YSS Vertical Milling Centers; 40 x 30 x 20
- Haas VF3YT Vertical Milling Center; 40 x 26 x 20
- Matsuura 760 Milling Center; 30 x 14 x 20
- Matsuura 510 VG Milling Center; 24 x 14 x 28
- Matsuura 510 VF Milling Center; 24 x 14x 20
- Viper Milling Center; 40 x 80 x 25
- Haas Tool Room Mill
- Hass UMC-750; 5 axis; 30 X 20 X 20, B (tilt) +110° to -35°, C (rotation) full 360°

CNC Lathe Dept

- 2 Nakamura Slant 4, Horizontal Turning Center; 27 x 18
- Nakamura TMC-15 Horizontal Turning Center with LNS Bar Feed System; 5/8 with 6” Chuck
- Doosan Horizontal Turning Center with LNS Bar Feed System; 1 5/8 with 6” Chuck
- Conventional Machining Dept
- Engine Lathe; 18 x 60 gap; 28” swing

- Sharp QMV2 Vertical Milling Machine
- CAD/CAM Systems
- Autocad, Solidworks, Inventor
- Mastercam CAD/CAM System
- Quality Assurance
- Zeiss Contura G2 CMM; 39 x 63 x 25 (Calypso)
- Zeiss Eclipse CMM; 28 x 28 x 18 (Calypso)
- 14" Optical Comparator with Digital Read Out
- Temperature Controlled Environment
- MIL-1 45208 Inspection System; MIL-C 45662A Calibration System