



**OPERATIONAL EQUIPMENT AND CAPABILITIES**

<b><u>FACILITY</u></b>	<b><u>QTY</u></b>	<b><u>COMPANY SYSTEM</u></b>	<b><u>QTY</u></b>
34,000 SQ.FT. (BUILDING TOTAL)		ACAD / SOLID WORKS / MASTER CAM / CATIA CONVERSION	
22 FT CEILING HEIGHT		FULL NETWORKING 28 STATIONS	
3,500 440 AMPS		EXCEL / WORD / DBA / EMAIL / ADOBE / PHOTO SHOP	
6,000 SQ.FT. OF OFFICE'S		NETWORKING MRP SYSTEM (DBA)	
120 PARKING SPOTS		FULL NETWORKING B/P CONTROL	
TRUCK DOCK		FULLY COMPUTERIZED INVENTORY	
7,000 SQ.FT OF OUTSIDE STORAGE		COMPUTER MONITOR CONTROLLED PRODUCTION MASTER SCHEDULE	
<b><u>DEPT - QUALITY CONTROL</u></b>		<b><u>DEPT - ESTIMATING</u></b>	
QUALITY SYSTEM 14CFR PART 21, 21.303		ESTIMATING WORK STA.	2
QUALITY SYSTEM MIL-I-45208			
MILITARY / CUSTOMER STANDARD		<b><u>DEPT - EXPEDITORS</u></b>	
ROCKWELL HARDNESS TESTER		EXPEDITORS AND KIT PULLING STA.	6
Q.C. WORK STATIONS (PLUS FLOATER IN SHOP)	4		
OPTICAL COMPARATORS (SOME COMPARATORS IN SHOP)	4	<b><u>DEPT - ENGINEERING</u></b>	
INSP. TOOLS (TOO MANY TO LIST) IN HOUSE CALIBRATION OF TOOLS		ENG WORK STATIONS WITH ACAD AND SOLID MODELING (SOLID WORKS)	4
FAA - PMA		ENGINEERING LAB (FOR R&D AND TESTING)	1
AS9100 QUALITY MANAGEMENT SYSTEM (APPROVAL IN PROCESS)		1ST. ARTICLE TESTING CAPABILITY	
FAA - REPAIR STATION (IN PHASE 3) FULL APPROVAL BY 2ND QTR 09		NUMEROUS TESTING EQUIPMENT	
<b><u>DEPT - 145 REPAIR STA.</u></b>		PMA CAPABILITIES (PRESENT PMA'S)	122
<b>THIS REPAIR STATION WILL BE APPROVED BY 2ND QTR 09</b>		R&D REVERSE ENGINEERING	
ASSY REPAIR STATIONS	3	FULL ENGINEERING (FROM SKETCH THROUGH TESTING & 1ST. ART.)	
FLUID TESTING STATION	1		
ELECTRICAL TESTING STATION	1		
AIR TESTING STATION	1		

**MANUFACTURING OPERATIONAL EQUIPMENT AND CAPABILITIES**

<b><u>DEPT - RAW MATERIAL</u></b>	<b><u>QTY</u></b>	<b><u>DEPT - ASSEMBLY</u></b>	<b><u>QTY</u></b>
MATERIAL CUTOFF SAWS UP TO (6 INCH DIA CAPABILITY)	5	ASSY STATION	10
BAND SAWS (5 INCH DIA CAPABILITY)	2	TESTING STATION ELECTRICAL	1
DEBURRING SANDERS	4	TESTING STATION FLUID	1
		TESTING STATION AIR	1
<b><u>DEPT - CNC MILL PROGRAMMING &amp; TOOLING DESIGN</u></b>		CABLE PULL TESTER 120LB CAPABILITY	2
CNC MILL - MASTER CAM WORK STATIONS	3	CABLE PULL TESTER 300 LB CAPACITY	1
		CAP TO CONDUIT SWAGING MACHINES (FOR CABLE ASSY'S)	2
<b><u>DEPT - CNC MILLING</u></b>		CABLE SWAGING MACHINES	1
FADEL CNC MILLS (3 AXES)	13	RIVETERS	4
FADEL CNC MILLS (4 AXES) WITH ROTARY INDEXERS	5	MANUAL PRESS'S	5
		ELECTRO ETCHING STENCIL PARTS MARKING MACHINES	2
<b><u>DEPT - CNC LATHE PROGRAMMING &amp; TOOLING DESIGN</u></b>		<b><u>DEPT - SHEET METAL</u></b>	
CNC LATHE - MASTER CAM WORK STATIONS	2	MINI PUNCH PRESS	1
		10 TON PUNCH PRESS	1
<b><u>DEPT - CNC LATHES</u></b>		(6 FT. POWER BREAK)	1
HASS CNC LATHES WITH LIVE MILLING ATTACHMENTS	6	(2 FT. POWER BREAK)	1
HARDINGE CNC LATHES	3	PUNCHING & NIBBLING MACHINES 3/8 THICK CAPACITY)	3
		TIME SAVER SANDER (2 FT. WIDTH CAPACITY)	1
<b><u>DEPT - MANUAL LATHES</u></b>		LAGON CONVENTIONAL MILL	1
HARDINGE TOOLING LATHES (.040 dia capacity + - .0005)	8		
(2 INCH) CAPACITY ENGINE LATHES	1	<b><u>DEPT - LASER</u></b>	
		SHEET METAL LASER (4FT X 4FT X 1/4 THICK CAPACITY)	1
<b><u>DEPT - AUTOMATIC LATHES</u></b>		<b><u>DEPT - PLASMA</u></b>	
SCREW MACHINES	8	SHEET METAL PLASMA (4FT X 4FT X 3/8 THICK CAPACITY)	1
		<b><u>DEPT - WELDING</u></b>	
<b><u>DEPT - DRILLING &amp; TAPPING</u></b>		STUD WELDERS	2
(1) 6 BANK , (1) 5 BANK AND 5 SINGLE BANK DRILL PRESS'S	3	SPOT WELDERS	2
AUTOMATIC TAPPING HEADS	3	MIG & TIG ROBOTIC WELDER	1
SINGLE TAPPING HEADS	2	MIG & TIG WELDING STATION (.030 THICK CAPACITY)	1
		MIG & TIG WELDING STATION (STRUCTURAL WELDING)	1
<b><u>DEPT - DEBURRING &amp; FINISHING</u></b>		WIRE FEED MIG WELDING STATION (STRUCTURAL WELDING)	3
DEBURRING & SANDING STATIONS	5	WELDING TORCHES OXY & ACETYLENE (CUTTING & BRAZING)	3
POLISHING AND GRAINING LATHES	2		
SAND BLASTER	1	<b><u>DEPT - TUBE BENDING</u></b>	
GLASS BEAD PEEN	1	1 TO 2 INCH DIA CAPACITY	1
ALUM VIBRO DEBURRING MACHINES	3	1/4 TO 3/4 DIA INCH CAPACITY	1
STAINLESS VIBRO DEBURRING MACHINES	3		
MINI VIBRO DEBURRING MACHINES	3	<b><u>DEPT - SHIPPING</u></b>	
POLISHING AND GRAINING MACHINES	2	VACUUM PARTS BOARD SEALERS (1) 2 X 3 FT	1
PAINT, PRIMER AND DRYLUBE BOOTH	1	VACUUM PARTS BOARD SEALERS (1) 3 X 4 FT	1
SMALL BAND SAW (UPRIGHT)	1	KIT BOARDING AVAILABLE (MULTIPLE PART NUMBERS ON (1) BOARD)	
LARGE BAND SAW (UPRIGHT)	1	BAR CODING COMPUTERS	3
		PARTS BAG SEALERS	8
<b><u>DEPT - POLISHING &amp; GRAINING</u></b>		TRUCK DOCK	1
POLISHING AND GRAINING MACHINES	3		
		<b><u>DEPT - OUTSIDE SUPPLIERS</u></b>	
<b><u>DEPT - R&amp;D AND TOOLING</u></b>		BROACHING (WILL BE IN HOUSE 3RD QTR 09)	
FADEL CNC MILL	1	CASTING'S	
HASS CNC MILL	1	ALL POWDER COATING	
HASS CNC SUPER MINI MILL	1	<b><u>ALL PLATING</u></b>	
MANUAL (2 INCH) CAPACITY ENGINE LATHE	1	PASSIVATION / CHROME / ZINC / CADMIUM / NICKEL	
HARDINGE MANUAL TOOLING LATHES	3	ANODIZING / TEFLON COATING / CONVERSION COATING	
CUTOFF SAW	1	SPECIAL PLATING PROCESS'S / ANTIQUE BRONZE	
SANDER	1		
MANUAL CONVENTIONAL MILLS	4		
DRILL PRESS'S	1		