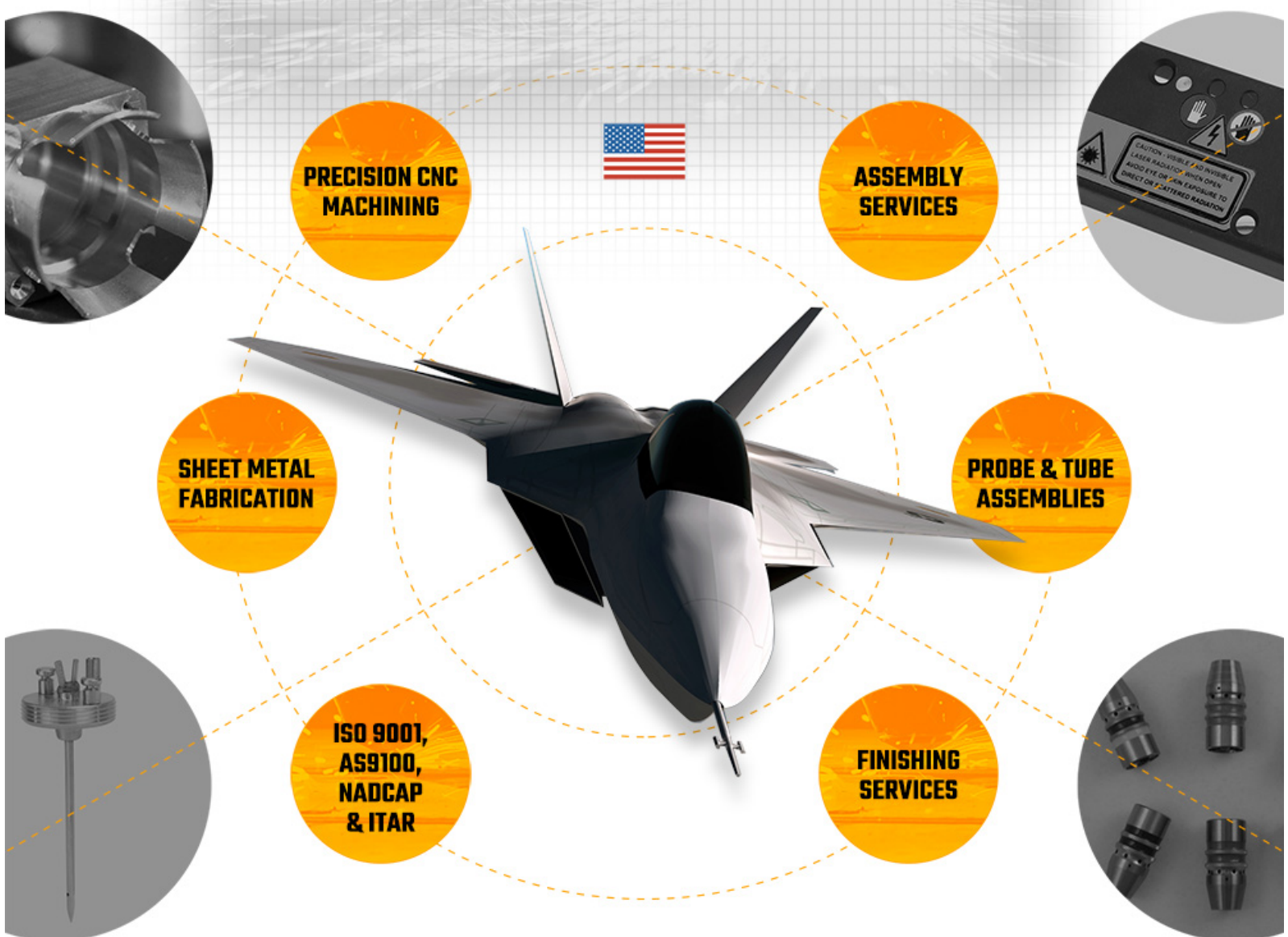


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SALES@APPIUSA.COM

# FACILITIES LIST



**PRECISION CNC  
MACHINING**



**ASSEMBLY  
SERVICES**

**SHEET METAL  
FABRICATION**

**PROBE & TUBE  
ASSEMBLIES**

**ISO 9001,  
AS9100,  
NADCAP  
& ITAR**

**FINISHING  
SERVICES**

**APPIUSA.COM**  
**SINCE 1966**



# OVERVIEW

## INFRASTRUCTURE

**66,178 TOTAL SQUARE FEET**

**EXCELLENT LOCATION**

**GENERATOR**

**SINGLE AND THREE PHASE  
ELECTRICAL POWER**

**CONCRETE BLOCK BUILDINGS**

**BOTH CITY AND WELL WATER**

**WATER TREATMENT SYSTEMS**

**COMPRESSED AIR**

**99.9% COMPUTER UPTIME**

## QUALITY

**AS9100 CERTIFIED**

**ISO 9001 CERTIFIED**

**NADCAP ACCREDITED**

**ITAR REGISTERED**

**DOCUMENT CONTROLS**

**SPECIFICATIONS**

**INSPECTION**

**SAMPLING PLAN**

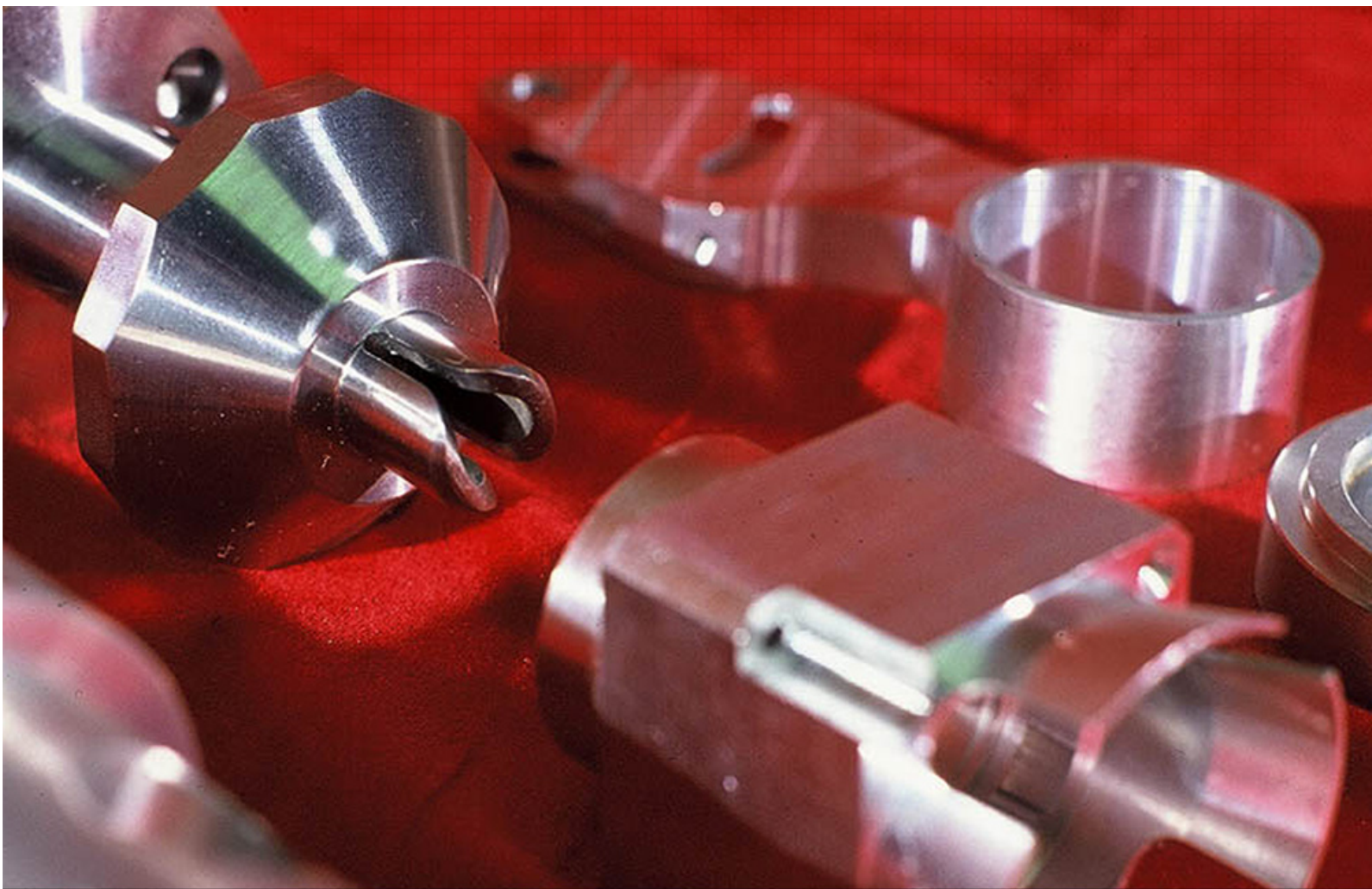
**QUALITY MANUAL**

**SOURCE APPROVED**

**INSPECTION EQUIPMENT**

## SIZES

**OUR PART SIZES VARY  
BASED UPON PROCESSING  
METHODS OR EQUIPMENT  
USED, SEE PAGE 6 FOR  
MORE.**



## **MATERIALS**

**ALUMINUM**

**STAINLESS STEEL**

**STEEL**

**GALVANNEAL AND GALVANIZED  
CRS**

**BRASS**

**COPPER**

**TITANIUM**

**MAGNETIC SHIELDING FOILS**

**PLASTICS**

## **PROCESSES**

**MACHINING**

**SHEET METAL FABRICATION**

**PROBES AND TUBES**

**PLATING**

**PAINTING**

**PLASMA COATING**

**HARDWARE INSERTION**

**TOOLING**

**PART MARKING**

## **SERVICES**

**SCHEDULING**

**KANBAN**

**KITTING**

**PROCESS DESIGN**

**ASSEMBLY**

**MATERIAL PLANNING**

# INFRASTRUCTURE

**66,178**  
TOTAL SQUARE FEET

<b>ADMINISTRATIVE AND ENGINEERING</b>	<b>3,500</b>
<b>SHOP AREA</b>	<b>34,270</b>
<b>TOTAL WORKING AREA</b>	<b>37,770</b>
<b>STORAGE AREA INSIDE</b>	<b>4,166</b>
<b>STORAGE AREA OUTSIDE</b>	<b>23,242</b>
<b>TOTAL STORAGE AREA</b>	<b>27,408</b>
<b>WORKING + STORAGE AREA</b>	<b>65,178</b>
<b>PARKING LOTS</b>	<b>1,000</b>
<b>TOTAL FACILITIES WITH PARKING LOT</b>	<b>66,178</b>



## LOCATION

Located in Northwest Miami with quick access to both Miami and Fort Lauderdale International Airports.

## GENERATOR

APPI Has a fully automatic emergency generator system capable of operating all essential functions until electrical service can be restored.

## CONCRETE BLOCK BUILDINGS

Our buildings are constructed of concrete block (CBS): the buildings are durable, quiet and energy efficient.

## BOTH CITY AND WELL WATER

APPI has both city water and well water, with company owned water treatment systems.

## WATER TREATMENT SYSTEMS

APPI has company owned water treatment services.

## COMPRESSED AIR

APPI has compressed air services in all buildings.

## 99.9% COMPUTER UPTIME

With Complete mirrored back up systems of all servers.

## COMPANY WIDE ERP

Networked capabilities with our full manufacturing ERP system. Our Customer Mangement, Estimating, Purchasing, Financials, Inventory with Bar Coding, Production Control with Loading and Scheduling and Automated Labor Reporting all run on our network.



# QUALITY

<b>AS9100</b>	AS9100 Revision D Certified
<b>ISO 9001</b>	ISO 9001:2015 Certified
<b>NADCAP</b>	Accredited in Chemical Processing see our plating section for more.
<b>ITAR</b>	Registration Letter available in downloads.
<b>DOCUMENT CONTROLS</b>	Revision Control System, Supplier and Material Certifications. Formal Contract Review Process.
<b>SPECIFICATIONS</b>	Numerous processes and services are are compliant to ANSI, ASTM, and MILITARY and FEDERAL Specifications.
<b>INSPECTION</b>	Final Inspection available to AS9102.
<b>SAMPLING PLAN</b>	ANSI/ASQ Z1.4 with other plans available upon request.
<b>QUALITY MANUAL</b>	Our Quality Manual is available upon request.
<b>SOURCE APPROVED</b>	APPI is accredited or source approved by many of the major aerospace, electronics, accessory and high technology companies.



## INSPECTION EQUIPMENT



**BROWN & SHARPE TESA-VISION OPTICAL MEASURING SYSTEM-** An innovative vision measuring system with measurement range of 300 mm x 200 mm (X-Y) x 150 mm (Z-Axis) and 5 position docking station and touch probe.

**BROWN & SHARPE ONE- SHOP FLOOR COORDINATE MEASURING MACHINE (CMM)** This CMM is built to work on the shop floor for first piece inspection, layout inspection, tool set-up or as a flexible gage. It utilizes a compact, indexable probe that can be rotated through an infinite number of positions for complete flexibility in measuring complex components.

**BROWN & SHARPE GLOBAL ADVANTAGE 575 CMM** with Tesastar-M Motorized Probe Head, and Leitz LSP-X1 Scanning Probe.

**BROWN & SHARPE MICRO-HITE 3D CMM** with Tesastar-I Probe Head.

### We also use various inspection devices including:

I.D. Gages, Air Gage, Special Gages, Working Blocks, Thread Gage Systems, Digital Calipers, Height Gages, Micrometers, Thread Plug Gages, Thread Ring Gages, Surface Plates, Metallographic, and Thickness Gages.

# SIZES

<b>MILLING LARGEST</b>	<b>30" X 18" X 18"</b>
<b>TURNING LARGEST</b>	<b>4" DIAMETER BAR</b>
<b>TURNING SMALLEST</b>	<b>MICROPARTS</b>
<b>SHEETMETAL FABRICATION WITHOUT PLATING</b>	<b>40" X 40"</b>
<b>SHEETMETAL FABRICATION WITH PLATING</b>	<b>36" X 30"</b>
<b>ASSEMBLIES LARGEST</b>	<b>30" X 30"</b>



# MATERIALS

**ALUMINUM**  
**STAINLESS STEEL**  
**STEEL**  
**GALVANNEAL AND GALVANIZED CRS**  
**BRASS**  
**COPPER**  
**TITANIUM**  
**MAGNETIC SHIELDING FOILS**  
**PLASTICS**



**PROCESS/QUANTITY****BRANDS****SPECIFICATIONS****CUTTING****1 Amada LC 1212 ALPHA IV NT**

LASER CUTTER with FANUC AF 4000 Controls with maximal laser output of CS 4000 W Maximum Sheet Thickness 9.0mm, Maximal Table loading weight 210 kg, Cutting Speed 0.20 m/min, Positioning speed, X-, Y- axis: 80 m/min, Z-axis: 60 m/min, Positioning accuracy,  $\pm 0.01$  mm/500mm, Repeatable positioning accurate  $\pm 0.005$  mm No Tooling required, No Tool Changes, Greater Accuracy Capable of .002 accuracy. Cuts Metals or Plastics, Best Application, Intricate contours - Can make any Shape Exceptional Stainless Steel Cutting Capabilities

**1 Circular**

Cold Saw (Capacity 6-3/8 x 2-3/8)

**1 Automatic**

Power Bandsaw, 10" X 15" Capacity Bundled Bar and Shapes

**1 Delta Rockwell**

Table Saw, 2" Capacity

**1 Dura Abrasive**

Cutoff Saw

**SHEARING****1 Cincinnati**

Automatic Power Shear 10' x 10 gage, Pin Gage Cincinnati System

**PUNCHING****2 Amada Vipros 358 King**

Turret Punch Presses, 58 station, 4 of which are auto index stations, accepts a maximum 4-1/2" diameter hole with AP100 Off-Line programming system, for greater accuracy and efficiency.

**FORMING****1 Amada HDS 8025 NT**

Standard Tonnage Press Brake 88-ton capacity, 101" maximum bend length, 18.5" open height, 7.87" stroke,  $\pm 0.00004$ " ram repeatability

**1 Amada HFE 50-20s**

Brake Hydraulic, 55 Ton, 82" maximum bend length, 7.8" stroke

**2 Amada PROECAM HFB 5020**

8 Axis CNC Press, 55 Ton Capacity, 6'10" Maximum Bending Length, 18.5" open height, 7.8" stroke,  $\pm 0.00004$ " ram repeatability

**1 Amada PROECAM HFB 8025**

Hydraulic CNC Press Brake, 88 Ton Capacity, 100" maximum bend length, 18.5" open height, 7.8" stroke, Ram Speed Approach, 236 IPM

**MILLING****5 Kitamura Mycenter-3XiF**

Sparkchanger Vertical Machining Center, Table Capacity 17.9" x 30", Spindle Speed 20 to 20,000 RPM, Positioning Accuracy  $\pm 0.002$  mm ( $\pm 0.00008$ ") /full stroke.

**1 YCM FX380A,**

5 Axis Vertical Machining Center, 12,000 RPM, 30 HP Spindle, X-Axis Travel 27.56", Y-Axis Travel 20.47", Z-Axis Travel 18.90", Positioning Accuracy, To .00039" Repeatability Accuracy: 0.00028".

**1 Mazak FJV-20**

Hi-Speed CNC Vertical Machining Center, Table Capacity 31" x 18" x 22", 35-12000 RPM, 30 HP Spindle, 1181 IPM, Traverse, Positioning Accuracy to .0001.

**1 Enshu JE-60**

High Performance Horizontal Machining Center, Pallet Shuttle System, Table Capacity 15.70" X 15.70", 60-13,000 Rpm, 41 Hp Spindle, 1181 IPM, Traverse, Positioning Accuracy To .0001.

**3 Bridgeport**

Vertical Milling Machines, Digital Readouts, Power Feeds and complete Machine Attachments

**PROCESSES**

PROCESS/QUANTITY	BRANDS	SPECIFICATIONS
TURNING	<p><b>1 Mori Seiki NZ2000T2Y</b></p> <p><b>1 Mori Seiki NL1500 SY</b></p> <p><b>1 Mori Seiki SL-15MC</b></p> <p><b>2 Doosan Puma TT1800SY</b></p> <p><b>1 Citizen M16Y</b></p> <p><b>1 Citizen M16</b></p> <p><b>2 Citizen M32Y</b></p> <p><b>Secondary Turning Equipment Includes</b></p>	<p><b>Multi Axis Mill/Turn Center, Live Tools and C- &amp; Y-Axis, 2-1/2" Bar Feed Capacity, 6-5/16" Diameter Chucking Capacity, 10.2" long Between Centers, Positioning Accuracy to .0001, with Sub Spindle.</b></p> <p><b>Multi Axis Mill/Turn Center, Live Tools and C- &amp; Y-Axis, 1-1/2" Bar Feed Capacity, 6-5/16" Diameter Chucking Capacity, 19.6" long Between Centers, Positioning Accuracy to .0001, with Sub Spindle.</b></p> <p><b>CNC Mill-Turn Center, With C Axis Contouring, 1-5/8" Bar Feed Capacity, 6-5/16" Diameter Chucking Capacity, 23-13/32" Long Between Centers, Positioning Accuracy to .0001.</b></p> <p><b>Horizontal Multi – Axis with twin opposed Spindles Two Upper/lower Turrets, Y –Axis and left/right spindles. X1, X2, Y-Axis high rigidity roller –type LM guideway, High Precision Built in spindle motor.</b></p> <p><b>Swiss-Type 10-Axis Turning Center 5/8" Bar Feed Capacity, Synchronous Guide Bushing, 32 Bit Controller, Hydrostatic Bar Feed.</b></p> <p><b>Swiss-Type 9-Axis Turning Center 5/8" Bar Feed Capacity, Synchronous Guide Bushing, 32 Bit Controller, Hydrostatic Bar Feed.</b></p> <p><b>Swiss-Type 10-Axis Turning Center, 1-1/4" Bar Feed Capacity, Synchronous Guide Bushing, 32 Bit Controller, Hydrostatic Bar Feed.</b></p> <p><b>Hardinge Precision Chuckers, Hardinge Second Operation Lathes, Speed Lathes for Polishing and Deburring</b></p>
ELECTRICAL DISCHARGE MACHINING EDM	<p><b>1 Sodick Wire EDM VZ300L</b></p> <p><b>1 Sodick Sinker EDM AD30L</b></p>	<p><b>Precision Wire EDM, X - Axis Travel 13.78" (350 mm), Y - Axis Travel 9.84" (250 mm), Z - Axis Travel 8.66" (220 mm), U, V Axis Travel 3.15" x 3.15" (80 x 80 mm), Wire Diameter Range (min ~ max) 0.004" ~ 0.012" (0.10 ~ 0.30 mm), Work Tank Dimensions (W x D) 31.89" x 25.59" (810 x 650 mm), Maximum Workpiece Weight 1,102 lbs (500 kg), Distance From Floor to Table Top 35.43" (900 mm).</b></p> <p><b>3 Axis Linear Motor Driven Die Sinker EDM, X - Axis Travel 12.59" (320 mm), Y - Axis Travel 7.87" (200 mm), Z - Axis Travel 9.84" (250 mm), Work Tank Dimensions (W x D x H) 35.23" x 22.99" x 11.33" (895 x 584 x 288 mm), Maximum Workpiece Weight 1,212 lbs (550 kg), Distance From Floor to Table Top 35.43" (900 mm).</b></p> <p><b>With Complete in -house Tool room and programming Facilities. Prototype parts, extrusion dies, gears, punch and Die Components, Mold Inserts, Gages and Templates</b></p>
POLISHING, SANDING, FINISHING AND BUFFING	<p><b>1 Steelmaster Prima W209</b></p> <p><b>1 Vertical Belt Sander</b></p> <p><b>2 Vertical Belt Sanders/ 1"</b></p> <p><b>2 Wheel Capacity, Delta-Porter Schaubli</b></p> <p><b>1 Haeger HP6</b></p>	<p><b>Deburring/Finishing Machine. 36" W Capacity deburring/Finishing with 0-6" Thickness Opening and 15-45 FPM conveyer w/ Digital Readout.</b></p> <p><b>4" Width Belt, Porter Cable</b></p> <p><b>1" Wheel Capacity, Delta-Porter</b></p> <p><b>Polishing Lathes/ 24" Center/Center, Schaubli</b></p> <p><b>Tonnage 12,000lbs, 18" Throat depth</b></p>
WELDING	<p><b>1 Rofin</b></p> <p><b>2 Dynasty 300 DX Tig Welders with Torch</b></p> <p><b>2 Sciaky 3 Phase Spot &amp; Stud Welder 150 KVA</b></p> <p><b>1 Miller Matic Challenger MIG Welder</b></p> <p><b>2 Gas Welders/Harris Oxygen/Acetylene</b>  <b>Also assorted Welding Jigs, Fixtures, Tables And Finishing Equipment</b></p>	<p><b>Laser Welder</b></p> 



PROCESS/QUANTITY	BRANDS	SPECIFICATIONS
HEAT TREATING	<p>1 Electric Furnace with Automatic Controls</p> <p>1 Heat Treating and Temper Furnace</p> <p>Quenching Medium</p> <p>1 Vacuum Furnace</p> <p>1 Batch Furnace</p> <p>1 Continuous Belt Furnace</p>	
PRESSING	1 Drake	40 Ton Hydraulic Die Press
INSERTION	<p>1 Haeger 824 One Touch Hardware Insert Machine</p> <p>1 Haeger 824 Window Touch -3 Hardware Insert Machine</p>	<p>Tonnage to 16,000 lbs, Throat depth 24", Four (4) Automatic Feed System. Ability to go from inserting one fastener type to another in 5 seconds. Allows one-time handling of parts with multiple fasteners. PC-based Touch-Screen and Operator Interface. Nikon Camera with Insertion Logic 'Auto-Picture-Load'. Full Color pictorial aids of operator functions for fast and easy set-up. Full-color pictorial aids of operator functions for fast and easy set-up. Confirms the fastener count with an audible signal and counts completed parts.</p> <p>Tonnage to 16,000 lbs, Throat depth 24". Single Touch Part Handling-reduces part Handling by 75%, Ability to go from inserting one fastener type to another. Full-color pictorial aids of operator functions for fast and easy set-up. Allows one-time handling of parts with multiple fasteners. Eliminates Incorrect length of stud/standoff Installaton. Eliminates Missing Fasteners, and Fasteners Installed in the wrong hole. Nikon Camera with Insertion Logic 'Auto Picture Load". Offline Programming.</p>
PLASMA COATING	<p>1 Metco Plasma Flame Spray System</p> <p><b>COATINGS AVAILABLE</b></p> <p>All Metals</p> <p>Aluminum</p> <p>Aluminum Oxide</p> <p>Ceramics</p> <p>Cermets</p> <p>Chrome</p>	<p>Model 6me-EI With Dual Powder Feed Unit; Water-Wash, Exhaust Booth; 1200 Amps Capacity; Plasma Gases used include Hydrogen, Helium, Nitrogen, Argon</p> <p>Copper</p> <p>Iron Oxide</p> <p>Moly &amp; Nickel</p> <p>Stainless Steel</p> <p>Titanium Dioxide</p> <p>Zirconium</p> <p>If your coated parts have precision machined features, APPi has developed the</p>
GRINDING	<p>1 Okamoto</p> <p>1 Sunnen</p> <p>1 Brierley Model ZB-32</p> <p>Surface Grinders</p> <p>Deadtru</p>	<p>Precision External CNC Cylindrical Grinder, 8"x20" between centers.</p> <p>Honing Machine, Mandrels And Supplies For .060 To 1.500" Diameters</p> <p>Precision Drill Grinder 1-1/4" Cap</p> <p>Centerless Grinder</p>
SECONDARY GRINDING	<p>Tool Sharpening</p> <p>Relief Grinding</p> <p>Drill Grinder</p>	

PROCESS/QUANTITY PLATING	BRANDS	SPECIFICATIONS			
COMMON NAME  ELECTROLESS NICKEL	STANDARDS  MIL-C-26074 AMS-C-26074 ASTM B733	MATERIALS  Aluminum Steel Stainless Steel	ACCREDITATIONS	VERIFICATION	
BLACK NICKEL	MIL-P-18317	Aluminum	Adhesion Test and Visual		
CHROMATE CONVERSION	MIL-DTL-5541 Type I, Class 1a and Class 3  MIL-DTL-81706	Aluminum	NADCAP	Adhesion Test and Visual	
CHROMATE CONVERSION	MIL-DTL-5541 Type II, Class 1a and Class 3	Aluminum	NADCAP	RoHS Adhesion Test and Visual	
ANODIZE	MIL-A-8625 Type II, Class 1 and Class 2	Aluminum	NADCAP	RoHS Salt Spray, Weight of Coating, Bath Analysis and Visual	
HARD ANODIC COATING	MIL-A-8625 Type III, Class 1 and Class 2	Aluminum	RoHS	Salt Spray, Weight of Coating, Bath Analysis and Visual	
CLEAR CHROMATE ELECTRODEPOSITED OF ZINC	ASTM B633	Steel	Corrosion Resistance Test, Verification of Service Condition and Visual		
YELLOW CHROMATE ELECTRODEPOSITED OF ZINC	ASTM B633	Steel	Corrosion Resistance Test, Verification of Service Condition and Visual		
CHEMICAL PASSIVATION TREATMENT	ASTM A967 ASTM A380 AMS 2700	Stainless Steel	NADCAP	RoHS Corrosion Resistance Test, Copper Sulfate and Visual	
PASSIVATION OF STAINLESS STEEL USING ELECTRO POLISH	ASTM B912	Stainless Steel	RoHS	Corrosion Resistance Test, Copper Sulfate and Visual	
TEFLON	MIL-A-63576				

COMMON NAME  PAINTING	BRANDS  2 Paint Booths  2 Nordson  1 Paint and Chemical Storage Warehouse  1 Oven  7 Paint Racks  12 Paint Racks Adjustable  4 Devilbliss OM6084  3 Devilbliss HVLP	SPECIFICATIONS  Completely Enclosed 8'X40' with dust free filtered air Make up and exhaust system.  Electro static Powder Spray Systems  14'X40'  Convection Walk-in 6'X8'X8' Gas Bake Oven with automatic Temperature Controls  Twin Shelf  Shelf Roller Paint Racks  Agitated Feed Tank, 2 Gallons  Spray Guns  Custom Masking Components is available to improve quality and reduce Costs  STANDARD PAINT FINISHES- Enamels-Polyurethane, Enamels-Air Dry & Bake, Epoxies, Textured Vinyl, and Military Specification
WET PAINT	MIL-PRF-85285 MIL-DTL-64159 MIL-PRF-23377 MIL-DTL-53022 MIL-DTL-53039 MIL-PRF-22750  MIL-P-52030 with all colors FED standard 595	
POWDER PAINT	MIL-PRF-24712	
ASSEMBLY	Top Work Bench Area Testing Sinks Compressed Air Services Electrical	540 Square Feet of Formica Top Work Bench Area Water Cleaning and Test Sinks Throughout the Building 110&220/60 Single and Three Phase Electricals



**PROCESS/QUANTITY**

**ELECTRICAL  
ASSEMBLY AND  
REPAIR EQUIPMENT**

**BRANDS**

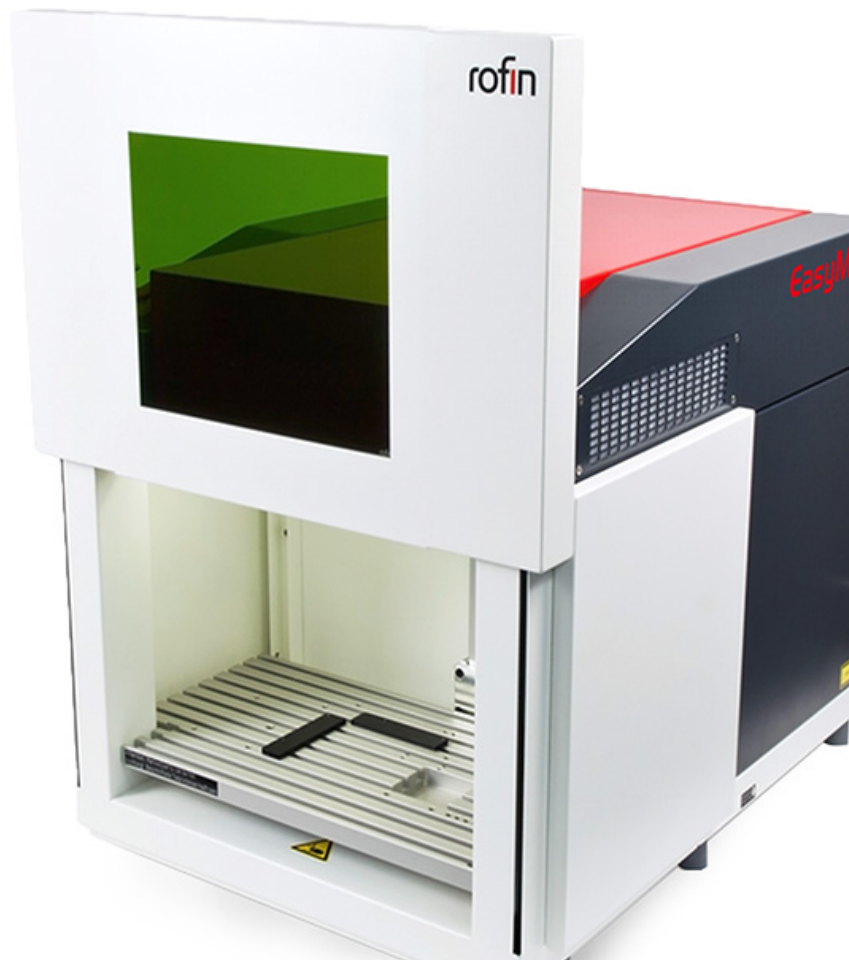
- Oscilloscope, Digital Readout
- Various "Vom's", "Dvm's"
- Solder Ports
- Heat Guns
- Soldering Irons
- Resistance And Capacitor
- Decade Boxes
- DC Power Supplies
- Signal Generator
- Coil Winders

**SPECIFICATIONS**

- 540 Square Feet of Formica Top Work Bench Area
- Water Cleaning and Test Sinks
- Throughout the Building
- 110&220/60 Single and Three Phase Electricals

**MECHANICAL  
ASSEMBLY  
EQUIPMENT**

- Portable Pneumatic Screw Drivers And Nutsetters
- Deburring, Hi-Speed Air And Electric Grinders, Sanders
- Bench Belt Sanders
- Drill Presses
- Arbor Presses, Manual And Air Operated
- Swivel Base, Assembly Vises
- Inspection Go/No Go Gauges
- Fixtured, Powered Rotary Tables For Automated Fastening, or Crimping
- Torque Wrenches And Screw Drivers
- Assorted Hand Assembly And Deburring Tools
- Assembly Jigs And Fixtures Are Designed And Produced In Our Shop
- Sub-Assembly And Final Assembly Stations
- Packing Stations packaging to your specifications



**PROCESS/QUANTITY**

**MARKING**

**BRANDS**

**1 Rofin Easy Mark**

**Silk Screen**

**2 Pad Printing**

**SPECIFICATIONS**

Laser Marking RSY E Series, Laser Medium: Nd:YVO4, Diode Pumped, 1064 nm, 24"WX20"HX25"D (610mmW X 508mm H X 635 mmD)

Whether it is metal or plastic. There is hardly a material that cannot be marked by laser. For numerous OEM's in the electronics industry, the automotive or medical technology sectors, flexible, simple permanent text marking to circumferential logo marking with lasers has long since become the preferred method of identifying parts.

Silk Screening in Multiple Colors Fully equipped dark room

Pad Print Machines: 1 color, maximum print area 63x40mm (2.5x15").

Silk-Screens Can Be Made From Customer Prints Or Artwork. Process Is Controlled From Assembly Of The Frame To The Completed Part. Silk-Screening Process Is Direct Photo Sensitive Emulsion. Silk-Screening Performed on 3 Micro Adjust Back Lighted Screen Tables

**PRECISION TUBE FABRICATION AND ASSEMBLY**

**Polishing Lathes**

**Rotary Swaging Machines**

**Forming Presses**

**CNC Precision Drilling Equipment**

**Special Point and Face Grinding Machines**

**Ultra Precision Centerless Grinding Machines**

**Micro-Flo Hone Systems**

**Ultrasonic Cleaners**

**Micro Tube Benders**

**Bench Polishing Heads**

**Stereo Microscopes**

**Magna-Lights**

**Vacuum, Batch and Continuous Belt Furnaces**

APPi has established a separate facility for the fabrication, finishing and testing of small high precision tubing assemblies. We develop and manufacture a large variety of small, complex Single and Multi-Lumen Piercing and Probe Assemblies for chemical and medical instrument OEM manufacturers.

In addition to the standard tools used in tubing fabrication, many special fixtures and modified machines are also in use to create special results.

APPi has also developed the expertise to provide complete assemblies that include electron beam welding, and diffusion bonding using gold, nickel, silver or other alloys, brazed in a hydrogen atmosphere or vacuum furnace.



# SERVICES

## SCHEDULING

Forward finite global scheduling is performed nightly with kitting of assemblies and Kanban JIT pulls. Blanket orders allow us to run larger lots and reduce costs further.

## KANBAN

APPI can put your component on our kanban release program to ensure just in time and pull quantity deliveries.

## MATERIAL PLANNING

With contractual approval, we can generate production releases to meet your manufacturing line requirements.

## ENGINEERING SUPPORT

Our Engineers will take an active part in providing experienced feedback to ensure efficient manufacturability of your components. We have an extensive CAD library of standard tooling used throughout the plant and can work from any part model or CAD file. APPI can develop manufacturing processes concurrently and easily evaluate multiple design alternatives resulting in well designed processes available at a faster rate and lower cost.

## TOOLING FABRICATION

Tooling fabrication, maintenance and prototype development are accomplished in a separate facility dedicated to production support.

## ASSEMBLY

Our manufacturing capabilities combined with exceptional Engineering talent enables us to offer you complete assemblies and subassemblies. Our ability to produce machined components, sheet metal fabricated parts, precision probes plus perform most secondary operations in-house makes APPI your logical choice for the production of small or medium-sized assemblies.

## KITTING

We can provide the kitting of assemblies to be shipped as a singular set of parts to ensure reduction in handling costs and improved efficiencies in your production lines.



# AERO PRECISION PRODUCTS, INC.

Established in 1966 downtown Miami with a few simple pieces of equipment and 2 employees we began by serving the local Aerospace industry.



Aero Precision Products, Inc. | 14000 NW 19th Ave. Opa Locka, FL 33054

We have grown into one of the largest diversified contract manufacturers in the South East. We excel in the manufacture of precision components and complete assembled products that serve OEMs in the aerospace, defense, industrial and medical markets. Located in northwest Miami with quick access to both Miami and Fort Lauderdale International Airports, we ship our products to both domestic and international locations.

**SALES@APPIUSA.COM (305) 688-2565**