

Panatron, Inc.

Capability Data Statement

Corporation: Panatron Inc.

Company Type: SMALL BUSINESS

Cage Code: 0B5X9

Established: 1980

Contact Us: 1-909-629-0748 / 1-909-620-0378 Fax/mail@panatron.com

Company Description: Manufactures, Repairs, and Calibrates Microwave, RF Systems, Components, and Test Equipment

Key Words: repair microwave, repair RF, calibrate, manufacture microwave, test equipment

INTRODUCTION TO PRODUCTS & SERVICES

MANUFACTURING

Panatron's quality and reliability organization provides High confidence in the company's products. Our Quality Assurance program is based on **MIL-Q-9858** with Inspection per **MIL-I-45208** and Calibration per **MIL-C-45662**. This program, supported by procedures that integrate our Quality Assurance, Production and Engineering resources assure the highest quality and reliable products in the industry.

Panatron's own designed and manufactured product Line in waveguide coaxial and microwave subsystems, operating in the frequency bands covering: **DC-110 GHz**. Our engineering and manufacturing are backed by capabilities in electrical, millimeter, electronics and mechanical design. Comprehensive microwave testing, computer numerical control machining, fabrication of flexible waveguide, soldering, brazing, chemical cleaning, painting, individual packing and quality assurance.

Waveguide and Coax	RF & Microwave Amplifiers Class A,B,C	DC Blocks
Terminations/Loads	Custom Components	DC Insertion Blocks
Direction Couplers	Waveguide & Coax Sub Assemblies	Limiters
Isolators	Waveguide Window	Elbows
Circulators	RF & Microwave Filters	Bends
Power Dividers/Combiners	Attenuators & Attenuator Horns	Twist
Mixer	Phase Shifters	Polarizer's
Power Supplies	Waveguide & Coax Switches	Hybrid
Mono Pulse Comparators	Waveguide Sub Assemblies	Custom sub Assemblies
Rotating Joints	Duplexers	*****

REPAIR DIVISION

Panatron's Repair Division specializes in repair of Older, Obsolete, or **EQUIPMENT NO LONGER SUPPORTED BY THE MANUFACTURER** as well as any current technology device/system. Our engineers have over 60 years of combined experience in RF/Microwave Design, manufacturing, repair and special/custom specification projects, components, devices and systems. **WE ALSO REPAIR TEST EQUIPMENT.** Services ranging from simple **trouble shooting, component replacement, to complete overhauls and refurbishments.**

Panatron Repairs

Waveguide & Coax	RF/Microwave FET Amps	DC & DC Insertion Blocks	Terminations/Loads
Up/Down Converters	Duplexers	Directional Couplers	Phase Lock Oscillators
Limiters	Broadcast equipment	Isolators	Circulators
Filters	Elbows/Bends/twist/shorts	Power Dividers	Attenuator Horns/Antae
Phase Shifters	Polarizer's	DRO (DSO)	Waveguide & Coax Switches
Hybrid	Synthesizer	Low Noise Amplifier	Mixers
Waveguide & Coax Adapters	RF/Microwave Subsystems	Mono Pulse Comparators	Communication Subsystems
Attenuators	Waveguide Subassemblies	Generators RF & Microwave	Digital Signal Processing
Radar & EW Systems	Modulators	Rotation Joints	Power Supplies
VCO	Video Exciter	*****	*****

WE ALSO REPAIR BROADCAST EQUIPMENT

Our repair process includes testing your equipment using factory test procedures. No repaired equipment will be returned until it performs to "AS NEW" functionality or we will contact you to explain the problem and work out an alternate course of action.

CALIBRATION AND TEST EQUIPMENT SERVICE

- **Calibration to ANSI Z540-1-1994/MIL-45662A**
- **24 MONTH Certificate of Calibration**

Calibration

- **Calibrate ALL/ANY test equipment**
- **RF & Microwave components and systems**
- **Waveguide & Coax**
- **Rubidium equipment**

DESIGN YOUR OWN MICROWAVE/ RF SYSTEM, SUBSYSTEM OR COMPONENT

Panatron can build to specification:

- Proto type
- Emergency/Special project
- Rush Order/Deadline project
- Special Need/Mission Critical
- Custom system or Subsystem
- Custom Component or Device

SUPPORT SERVICES

- **24 Hour Technical Support Services 1-909-629-0748**
- **Emergency Repair Service 1-909-629-0748**
- **Emergency Cell phone 909-263-7364**
- **24 Hour On Call Engineer**
- **Project Consultation and Engineering Services**

CONTACT PANATRON, INC

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PANATRON[®] INC.

MISSION CRITICAL PERFORMANCE & RELIABILITY

Max Cherubin
V.P. Sales Engineer

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- Manufacturing Electronic Products & Systems
 - Reverse Engineering & Product Duplication
 - Special OPS / Programs, Research & Development
 - Repair & Calibration Div.

CAGE CODE: OB5X9

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GOVERNMENT, MILITARY, LAW ENFORCEMENT

- Industrial and Microwave/RF Equipment & Systems, Satellite Communications, Tracking & Surveillance
 - Special Programs/Project Design & Repair
 - Mission Critical/Emergency Repairs 24/7
 - Reverse Engineering/Product Duplication, Commercial, Foreign & Exotic Electronics
 - Disaster Preparedness/Emergency Management Communication
 - TV/Radio Stations & Broadcast Media
 - Teleport, Fixed Location & Temporary Field Site
 - SNG Truck & Mobile Platform
 - Point to Point Communications
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