



**2024**

# MANUFACTURING SERVICES

FOR HIGH RELIABILITY APPLICATIONS



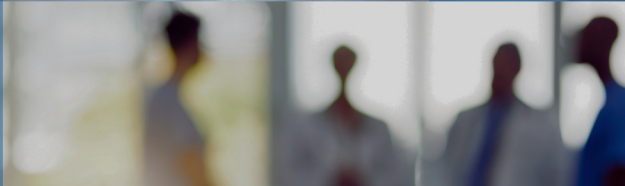
**AEROSPACE**

**DEFENSE**



**INDUSTRIAL**

**MEDICAL**



K-TECHnologies



[www.K-TECHnologies.com](http://www.K-TECHnologies.com)



716.828.4444

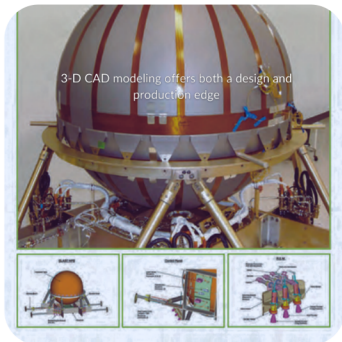


716.828.4446

From basic requirements to demanding specifications.

## INNOVATIVE SOLUTIONS FOR YOUR HIGH RELIABILITY NEEDS!

K-TECHnologies provides manufacturing services for electronic and electromechanical products. We are qualified to meet the high reliability requirements of military and NASA standards, as well as regulatory manufacturing requirements for medical equipment and specialized industrial equipment used in critical environments. We are positioned to take on projects that have unique design specifications, aggressive dead lines and fluctuating schedules.



## SERVICES PROVIDED

Owned and operated by industry experienced engineers, we take pride in listening to your needs, understanding the application and creating solutions to make the project work.

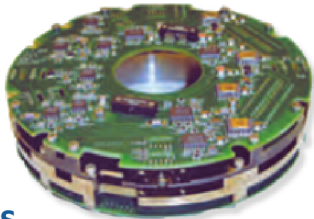
- Complex Cable and Harness Assembly
- In-House Circuit Board Assembly and Test (SMT & TH)
- Solenoid and Precision Coil Winding
- Panel and Box Assembly
- Precision Tubing Fabrication, Tube
- Bending and Termination
- Soldering (Certified)
- Potting/Encapsulation/Impregnation
- Precision Wire Cutting, Etching,
- Stripping, Twisting, Crimping (Certified)
- Brazing
- Cleaning for Oxygen Service (Aviator Grade)
- Turnkey, Development, Prototyping and Production
- In-House Model Shop and Precision Machining
- Design and Build Assembly Tools, Fixtures and Testing Equipment
- Parts Sourcing/Materials Management
- Custom Assembly and Testing
- Partial or Complete Products



# Customer responsiveness.

We realize that design adjustments and scheduling changes are part of meeting your customer's requirements. To provide that flexibility we establish close and regular communication with the appropriate people at your company. We work closely to ensure accuracy, compliance with specifications, quality and timely delivery.

# THE KEY TO OUR SUCCESS!



## HIGH RELIABILITY CAPABILITIES

### INDUSTRY STANDARDS

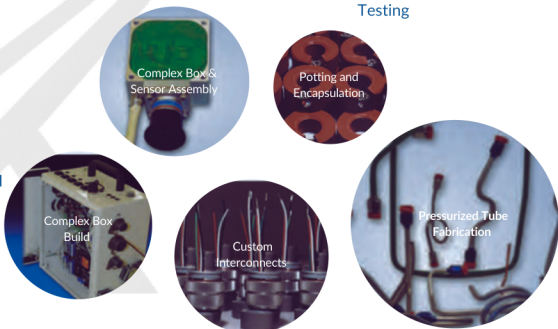
- Nadcap Certified to AC7121, Electronics Cable and Harness Assemblies
- AS9100/ISO9001 Quality System Certification
- ITAR Registered
- IPC/J-STD-001 Class 1, 2, 3 Requirements for
- Soldered Electrical and Electronic Assemblies,
- IPC J-STD-001S Space Applications
- IPC-A-610 Class 1, 2, 3 Acceptability of
- Electronic Assemblies
- IPC/WHMA-A-620 Class 1, 2, 3 Requirements and Acceptance for Cable and Harness Assemblies
- Explosive Certification - ATF NYS DOL, DOT, DCMA Regulated
- ROHS Compliance

### SPACE

- NASA-STD-8739.1 Encapsulation
- NASA-STD-8739.3 Soldered Electrical Connections
- NASA-STD-8739.4 Crimping
- NASA-STD-8739.7 ESD Control Requirements

### PRECISION CLEANING

- Clean Room Certified ISO Class 7 (Class 10,000), Clean Room with ISO Class 6 (Class 1,000) under Laminar Flow Hoods
- Cleaning for Oxygen Service (Aviator Grade)
- Particulate and NVR Testing



## Machine Shop Capabilities

- Located On-Site
- Precision, custom machining for aerospace and defense industries
- CNC vertical milling with live 4th axis tooling & offline programming
- CNC lathe with live tooling & offline programming
- Micro deburring, tumbling, media blasting
- Robust inspection reports



“ To partner with our customers in support of their goals

### -OUR PHILOSOPHY

In addition to investing in capabilities to service high reliability specifications, we also have a philosophy of partnering with our customers in support of their objectives. K-TECHnologies is capable of working as an extension of your engineering, manufacturing and materials management functions. We have a track record of working with our customers to provide:

- Turnkey project management
- Cost reductions
- Improvements in quality and reliability
- Fast turnaround
- Prototypes
- Flexibility in accommodating changes in design, schedule and scope

## Enhancing Product Quality

For prototypes, small volumes, or large volumes, K-TECHnologies' goal is to achieve the highest quality on all workmanship. Because every person involved with your job takes personal responsibility for maintaining the highest quality control, we deliver those high standards on a consistent basis.

## Why K-TECHnologies?

Owned and operated by industry-experienced engineers, we take pride in listening to your needs, understanding the application challenge, and in developing creative solutions to make the project work. In partnering with our customers, we "bring to the table":

- A track record of on-time delivery
- Short lead times on short notice changes
- Flexibility and rapid response to design changes
- Documented process controls
- Cost effective pricing
- Dock-to-stock quality



4090 Jeffrey Blvd  
Buffalo, NY 14219

info@k-technologies.com

K-TECHnologies' World Headquarters is located in a suburb of Buffalo, NY where our 54,000 square foot facility houses state-of-the-art manufacturing operations, engineering, customer support, sales and marketing, and a human resource development area.