



Manufacturing and Test Systems

The manufacturing of Defense & Aerospace systems demands precision, expertise, and attention to detail. With design and consulting services focused on Specialty Equipment, Quality Systems, Manufacturing Inspection, Test Systems, and Process Development, McCormick Stevenson brings broad capability to bear on your manufacturing challenges. As part of a larger product development organization with extensive experience in design for manufacturability, test, and assembly, our Manufacturing and Test Systems (MTS) business unit effectively bridges the gap between Product Development and Production.

McCormick Stevenson offers solutions in the following areas:

- Manufacturing Equipment Design
- Manufacturing Process Development
- Quality Systems Support
- Manufacturing Inspection Services
- Technical Publications
- Configuration Management



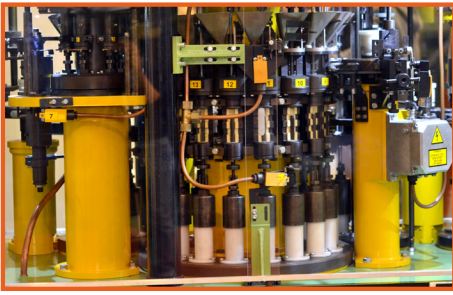
FOUNDED
IN 1999

OFFICES IN
CLEARWATER, FL

WOMAN-OWNED
SMALL BUSINESS

DOD PERSONNEL
AND FACILITY
CLEARANCES

NON-TRADITIONAL
DEFENSE CONTRACTOR



Manufacturing Equipment Design

Reduce manufacturing costs and improve product reliability through process and incremental design improvement:

- Tooling, Gaging, Assembly, and Test Fixtures
- Manufacturing Process Equipment Design and Fabrication
- Test Equipment Design and Fabrication
- Design for Manufacturability, Assembly, Inspection, and Test (DFx)
- Reverse Engineering
- Documentation of existing processes and current state of manufacturing equipment

Manufacturing Process Development

Increase manufacturing efficiency with proper manufacturing resource planning (MRP):

- Floorplan Design, Development, and Optimization
- Process Flow Development and Machine Configuration
- Manufacturing Process Plan Development, Review, and Scheduling
- Manufacturing Documentaton and Planning
- Manufacturing Operations Management Consulting
- On-Site Manufacturing Support

Technical Publications

Improve quality with procedures everyone can follow:

- Quality Documents (Quality Manuals, Inspection Plans)
- Training Documents
- Assembly/Work Instructions
- Standard Operating Procedures
- User Guides and Owner's Manuals

Quality Systems Support

Improve yields through:

- Lean 60 Manufacturing Process Optimization
- Measurement Systems Analysis (MSA)
- Gage Repeatability and Reproducibility (R&R)
- Statistical Process Control (SPC)
- Measurement Systems Evaluation (MSE per DI-QCIC-81960)
- Contract Data Requirement List (CDRL) Deliverables

Manufacturing Inspection Services

Demonstrate product quality with inspection and reporting:

- Mechanical Inspection Services
- Turnkey Measurement Systems
- On-site Test and Inspection Support

Configuration Management

Improve process reliability with better document control and configuration management:

- Data Organization
- Data Management
- Coherent File Structures
- Product Lifecycle Management