

## JAMES TOPOLINSKI

315 Partridge Lane  
Wheeling, IL 60090

224-636-6095 (c)  
topolinski@sbcglobal.net

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### SUMMARY

Lead Quality Assurance Inspector with over 30 years experience in the military and aerospace field in electronic component manufacturing. Expertise in operating, maintaining, inspecting, trouble shooting and repairing a comprehensive range of electronic systems. Demonstrates excellence in inspecting product for quality manufacturing attributes. Exhibits strong work ethic, good communication skills, reliability and safety-oriented productivity under tight production deadlines. Reputation for ensuring high quality product manufacturing, leading self-reliant teams and producing excellent audit results.

### PROFESSIONAL EXPERIENCE

**ELECTRODYNAMICS, INC.**, Rolling Meadows, IL

**1984-2015**

#### **Lead Quality Assurance Inspector**, 2008 – 2015

Leadership role in a group of inspectors responsible for receiving and final inspections of recorders and Electrical Safe Arming and Firing devices (ESAFs) for military aircraft in an ISO-certified environment. Utilized ISO Program and J-Standard Certification to perform inspections directly as needed. Responsible for oversight of quality control, including reporting metrics to the Quality Assurance Manager.

- Ensured quality, efficiency and on time delivery of product meeting customer requirements.
- Prepared, reviewed and monitored department reports (such as statistical control charts) to detect and resolve production concerns.
- Monitored production, quality of parts and machine maintenance to detect and resolve production problems prior to impact on production goals.
- Used critical thinking, logic and deductive reasoning to solve problems.
- Cited with a Precision Assembler award (as an inspector) for identifying an incorrect revision of the approved print, preventing almost \$2 Million in rework and scrap.
- Guided, directed, trained and motivated individuals and direct reports to sustain a productive and positive work environment, facilitated dispute management, and resolved grievances in accordance with company policies and employment regulations.
- Served as Shop Steward for 25 years, including reviewing operations and collaborating with production staff to resolve any production or processing issues, and facilitating effective communication between management and production floor staff.
- Member of the company safety committee, including responsibility for ensuring appropriate hazardous waste disposal and record keeping for audit purposes.

#### **Quality Control Inspector**, 2002 – 2008

Responsible for inspection of circuit cards, wire connections and inspection of conformal coating of solder connections with UV light. Inspection included part placement confirmation and functional testing of devices on an Integrated Circuit Tester. Making sure that the product is free of defects and that all defects are recorded before they are reworked. Ability to read x-ray's to identify solder defects.

**ELECTRODYNAMICS, INC.,** continued

**Precision Assembler, 1984 – 2002**

Experienced in reading and interpreting blueprints, work instructions and other engineering information to determine the machining process and sequence of operations for assembly of high quality product in an efficient manner with tight production deadlines. Served as an expert in troubleshooting and repairing state of the art electrical and electronic systems. Responsible for routine assignment of work and direction of other employees, as well as maintaining production schedules. Reported status of work under direction to management.

- Examples of the products assembled include:
  - FAA and U.S. Air Force navigational video display units
  - Safety devices for U.S. Navy underwater mines Mark45 and Mark 50 Torpedo
  - Crash recorders for trains and aircraft including the B-1, B-2, F-16, F-35 and T-45
  - FAA Video Mapping Systems for Air Traffic Control including weather radar
  - Launch Safety Device for the Minute Man Missile
  - Electronic Safe Arming and Firing (ESAF) device for Hellfire and Blast Frag Missile
- Skills required for assembly work include: hand soldering wires, terminals and components, marking units and using the correct tools for the task using torque wrenches or screwdrivers, surface mount techniques, vapor phase soldering, re-flow oven utilization, solder paste application and part placement equipment, wave solder machine operation, Artos wire cutting machine use, tinning, striping, crimping and making cables, calculation of dimensions and tolerances using hand measuring tool, operation of the Part Sequencer machine and Variable Component Distribution machine (automatic part placement machine)
- Planned new and modified existing installations to minimize waste of materials and provide access for future maintenance.

**ACHIEVEMENTS**

Lockheed Martin Certificate of Appreciation <i>for Outstanding Performance and service to the Air-to-Ground Missile Systems Programs</i>	2014
Documentation of Exceptional Work citation as a Precision Assembler	2012
Outstanding Design & Qualification Program Award <i>for F-35 Lighting II Crash Survivable Memory Unit Team</i>	2008
Documentation of Exceptional Work citation as a Precision Assembler	2002
Performance Improvement Program Award	1993, 1992, 1990

**UNITED STATES ARMY – SPE4 - Specialist Fourth Class** 1980-1984

*Stationed in Augusta (Georgia), Bamberg (Germany), and Ft. Stewart (Georgia)*

Trained in micro-wave communications, operation and maintenance of the Laser Locator Designator and computer. Constructed and tested point to point communications, wiring harnesses and connections. Operated and maintained Armored Personnel Carrier. Prepared equipment for all operations, including running cycle checks of electronic systems consisting of multiple integrated circuits.

### EDUCATION

Pursuing certification in Computerized Numerical Control Machining, Advanced Manufacturing Techniques and QA Inspection (*Estimated completion in August 2015*)  
Course work in Business Management and Marketing, Harper Community College  
Rolling Meadows High School

### CERTIFICATIONS & ADDITIONAL TRAINING

Classified Security Clearance  
Electrodynamics Employee Development Program  
Quality Circle Leader Training & Training Program for Dynamic Teams  
Fire Extinguisher and other Safety Training  
Military solder training 2000 and 2001A  
Operation and maintenance of equipment with hazardous materials (lead)  
ATF Explosive Materials Letter of Clearance  
Integrated Printed Circuit (IPC) Specialist  
— *Requirements for Soldered Electrical and Electronic Assemblies*  
— *Operator Proficiency Training Course*