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LINKEDIN HEADLINE

Option 1:

Program & Manufacturing Leader | Defense & Industrial Systems | \$200M+ Program Execution | Regulated, Safety-Critical Environments

Option 2:

Senior Program & Manufacturing Leader | Defense Programs, Operations, and Systems Execution

ABOUT / SUMMARY SECTION

Program and manufacturing leader with 15+ years of experience executing complex defense and industrial programs in highly regulated environments.

I've led cross-functional teams across engineering, manufacturing, quality, and supply chain while managing cost, schedule, and technical performance on safety-critical systems. My work has included execution decisions that directly drive cost performance, EAC accuracy, and margin on individual CLINs up to ~\$43M and program portfolios exceeding \$200M.

I work closely with Navy technical authorities, certification bodies, and senior stakeholders on programs where reliability and compliance are non-negotiable. I'm known for practical decision-making under pressure, deep manufacturing and systems understanding, and stepping in when programs face cost, schedule, or technical risk.

My background spans first-of-kind system development, high-value production, sustainment, and recovery—always with a focus on execution that holds up in production and in the field.

EXPERIENCE SECTION

Teledyne Brown Engineering

Program Manager

Jan 2025 – Present | Huntsville, AL

- Lead execution of complex defense manufacturing and sustainment programs supporting U.S. and Foreign Military Sales customers, managing a portfolio exceeding **\$235M** across fixed-price and cost-type CLINs (O&M, Procurement, RDT&E)

- Serve as Program and Proposal Manager for **30+ standalone spares and sustainment contracts** totaling **\$6M+** across customers including NAVSUP, Lockheed Martin, Naval Special Warfare Center (Panama City), and DLA
- Negotiate and execute CLINs up to **\$42.9M**, balancing contractual, technical, and financial risk
- Own execution decisions that directly drive **cost performance, EAC accuracy, and margin**, coordinating closely with finance while managing scope, schedule, risk, and forecasting
- Translate U.S. program requirements into **Foreign Military Sales configurations**, aligning design, production, test & evaluation, training, spares, and sustainment
- Lead cross-functional teams of **25–30 indirect contributors** across engineering, manufacturing, quality, and supply chain within a matrixed organization
- Manage systems engineering changes including **Engineering Change Proposals (ECPs)** and **Temporary Modifications (TEMPMODs)** to maintain configuration control and fleet readiness

Teledyne Brown Engineering Manufacturing Manager

Sep 2022 – Jan 2025

- Held full manufacturing responsibility for high-value naval programs, overseeing production planning, workforce execution, material readiness, quality, and schedule performance
- Directed delivery of **six MK11 SEAL Delivery Vehicles (~\$90M)** and multiple spares awards totaling **~\$33.4M**
- Managed concurrent subsystem installation and testing under fixed delivery dates, making execution decisions with significant technical, financial, and schedule implications
- Led recovery actions for cost and schedule pressure through root cause analysis, corrective actions, and controlled rework to maintain delivery commitments within budget
- Coordinated closely with engineering, quality, and government customers to resolve manufacturing risk while sustaining certification and compliance

Teledyne Brown Engineering Lead Manufacturing Engineer

Jan 2014 – Sep 2022

- Served as lead manufacturing authority for the **Shallow Water Combat Submersible (SWCS)** program from early concept development through full production
- Led **Design for Manufacturability (DFM)** efforts on a first-of-kind, highly complex submersible platform
- Developed and managed **Bills of Material (16,000+ line items)**, routings, and detailed work instructions for **1,700+ unique make parts**

- Supported certification under **NAVSEA Deep Submergence Systems – Scope of Certification (DSS-SOC)**, working directly with Navy technical authorities
- Established production baselines and **MRP-driven controls** for **10,000+ components**, reducing downtime, part shortages, and rework
- Resolved complex manufacturability and assembly issues through prevention and early-detection methods, avoiding months of schedule delay and significant cost impact

Teledyne Brown Engineering

Program Manager / Deputy Program Manager / Senior Manufacturing Engineer

Jan 2008 – Jan 2014

- Managed nuclear and defense manufacturing programs subject to **NQA-1 Nuclear Quality Assurance** and **ASME Section III** requirements
- Program Manager for a **\$1.6M Gas Cart system** used in uranium enrichment operations
- Deputy Program Manager for the **Whole System Live Agent Test (WSLAT) chamber (~\$13.8M)**, a Biosafety Level-3 defense test facility
- Played a key role in startup of a **208,000-square-foot defense manufacturing facility**, leading facility layout, workflow design, and transition to operational readiness

Delphi Chassis Systems

Manufacturing Engineer / Quality Assurance Engineer

Oct 2001 – Aug 2006 | Saginaw, MI

- Owned end-to-end manufacturing and quality performance for **rotor machining** and **brake corner module assembly** lines
- Improved uptime and process flow, achieving **10% reduction in downtime** and **20% scrap reduction**
- Applied **SPC and process capability (Cp/Cpk)** analysis to stabilize production and prevent quality escapes
- Led structured problem-solving using **5-Why methodology**, developing visual work instructions that became plant standards
- Served as instructor in Delphi's **Lean Model Plant**, training corporate executives and leadership while still in college
- Selected as day-shift supervisor for the **GMT800 assembly line**, the highest-revenue line in a **\$1B/year facility**, during a high-visibility model-year transition

Delphi Steering

Manufacturing Engineer / Value Stream Team Lead

Sep 2006 – Jan 2008 | Athens, AL

- Served as Value Stream Team Lead for **~50 machining and assembly operations**, accountable for uptime and throughput
- Improved uptime of a critical bottleneck operation by **33%**, reducing overtime and increasing output

- Implemented equipment modifications, material handling improvements, and process capability analysis to stabilize production
- Led incremental and step-change improvements using **value stream mapping, Kaizen principles, and 5S**
- Frequently consulted by supervisors and managers for technical decision-making despite being the youngest engineer on the team

EDUCATION

Bachelor of Science, Mechanical Engineering

Saginaw Valley State University

Associate of Science, Welding Engineering

Delta College

LICENSES, CERTIFICATIONS & PATENTS

- Six Sigma Green Belt
- Shainin Red X
- **U.S. Patent 8,448,987 B2** – Adjustable Steering Column Utilizing a Sleeve and a Method of Forming a Filler with a Sleeve

VOLUNTEERING & COMMUNITY

- Rotary Club of Madison County – Active Member
- ENABLE Madison County – Volunteer
- Food Bank of North Alabama – Volunteer
- Downtown Rescue Mission – Volunteer
- Madison County Schools Career Technical Education Advisory Committee – Advisory Member