

DANIEL J. COOPER JR., PROJECT MANAGEMENT PROFESSIONAL PMP®

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HARDWARE PROGRAM LEADERSHIP

Summary: Senior hardware program executive with 15+ years leading aerospace manufacturing programs from prototype through type certification to global-scale serial production. Proven track record delivering mission-critical systems across cross-border operations (US, Mexico, China, Europe) with emphasis on design-for-manufacturability, supplier integration, and qualification excellence. Expert in compressed timelines, delivering first articles in 9 months and scaling to 1.2M units annually at 99.99% quality. Skilled in navigating ambiguous, high-constraint environments while maintaining rigorous MIL-STD and regulatory compliance.

CORE COMPETENCIES:

Hardware Product Development: Prototype → Production → Sustainment ♦ Type Certification & Qualification: Boeing 787, Airbus A350, AS9100C, MIL-STD ♦ Cross-Border Manufacturing Integration: US/Mexico/China/Europe Operations ♦ Design for Manufacturability (DFM/DFA) & Supplier Readiness ♦ Schedule Compression & Risk Management: 9-Month Ramps, Zero Production Stoppages ♦ System Integration & First Article Inspection (FAI): Multi-Discipline Coordination Value Stream Mapping ♦ Root Cause and Corrective Action ♦ High Spanish Proficiency

PROFESSIONAL EXPERIENCE

PROGRAM MANAGEMENT CONSULTANT: INDEPENDENT PRACTICE *OCTOBER 2020 TO PRESENT*

Agile program leadership delivering manufacturing systems integration, ERP implementation, and operational stabilization on-time and within budget across multi-site operations

- ♦ Led 17-location ERP transformation and Azure cloud migration for PE-backed packaging manufacturer (US/Mexico/Canada); delivered 100% go-live success rate with zero production stoppages across 26-month program
- ♦ Executed infrastructure stabilization and Lockheed Martin program rescue for distressed aerospace supplier through bankruptcy; preserved Tier-1 customer relationship during critical January 2025 program review
- ♦ Managed schedule compression (9-month acceleration), risk registers, and cross-functional execution across engineering, manufacturing, and supply chain teams

TRIUMPH AEROSPACE STRUCTURES (FORMERLY - MEXMIL): SENIOR PROGRAM MANAGER *MARCH 2008 TO JANUARY 2019*

Led aerospace manufacturing programs from prototype through type certification to global serial production for Boeing 787 and Airbus A350 platforms. Managed cross-border operations (US, Mexico, China, Germany) delivering 1.2M units annually at 99.99% quality with 100% on-time delivery.

- ♦ Boeing 787 Global Expansion & Type Certification: Duplicated Mexico production line to Beijing facility; implemented one-piece flow manufacturing, achieving 80% output increase and 99.5% yield without customer schedule impact. Scaled to 1.2M total units annually with 100% OTD and 99.99% quality. Managed FAA type certification requirements and Boeing qualification audits.
- ♦ Airbus A350 Program Launch: Established secure design interface between Germany engineering and Mexico manufacturing with real-time lineside change capture; managed pre-type certification design control and initial envelope manufacturing. Coordinated China facility for stable production ramp-up.
- ♦ Cross-Border Manufacturing Integration: Led facility qualification, supplier approval, and First Article Inspection (FAI) for Asian manufacturing sites. Managed final assembly coordination in Charlotte and Asian facilities. Awarded 2019 Kawasaki Heavy Industries (KHI) Supplier of the Year.
- ♦ Qualification & Compliance: Created and managed qualification plans for regulatory and customer certification (FAA, Boeing, Airbus). Maintained AS9100C/ISO9001:2008 compliance. Established first article processes including Engineering, Quality, Operations, and Customer buy-off.
- ♦ System Integration & Reliability: Directed daily production controls across Engineering, Quality, Operations, Planning, Materials, and Shipping. Implemented statistical process control (SPC) and data-driven decision frameworks. Increased monthly revenue 19% (\$9.3M to \$11.6M) while reducing past-due backlog from \$6M to \$2M.

ORCON AEROSPACE: DIRECTOR, OPERATIONS *MARCH 2014 TO FEBRUARY 2016*

Led Boeing thin-film substrate industrialization from concept through first aircraft delivery in 9 months. Managed capital equipment acquisition, tooling, manufacturing ramp-up, and Boeing qualification.

- ♦ Rapid Industrialization: Planned and executed complete manufacturing ramp-up delivering first aircraft installation 9 months after project start. Achieved 400% efficiency improvement in 4 months, adding \$5M annual revenue.
- ♦ Capital & Tooling: Directed capital equipment acquisition, tooling design, and production floor layout. Developed prototype standards and implemented manufacturing processes from ground zero.
- ♦ Boeing Qualification: Successfully passed Boeing qualification (Process and Material) audit. Achieved AS9100C/ISO9001:2008 certification. Managed customer program reviews and technical interface.

EDUCATION & CERTIFICATIONS

Project Management Professional (PMP®) | Project Management Institute ♦ Bachelor of Science, Applied Business Management | BYU-Idaho, expected 2026

TECHNICAL PROFICIENCIES

Regulatory Compliance: AS9100, ISO9001, MIL-STD frameworks, FAA type certification ♦ Manufacturing Systems: ERP, PLM, MES, Quality Management Systems ♦ Cross-Border Operations: US/Mexico/China/Europe regulatory and cultural fluency ♦ Program Management: Risk registers, schedule execution, supplier readiness, DFM/DFA