
RAMON B. SMITH

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PROFESSIONAL SUMMARY

Senior Aerospace Manufacturing Engineer with 30+ years of experience in aerospace manufacturing, production support, manufacturing planning, process development, production readiness, installation planning, and continuous improvement, including 20+ years supporting The Boeing Company. Experienced in developing manufacturing processes, work instructions, installation plans, engineering documentation, and production planning solutions that improve manufacturability, production execution, and operational efficiency. Extensive experience supporting 747, 767, 767 Tanker, 777, and 777X aircraft programs, with expertise in manufacturing engineering, configuration management, production planning, process documentation, tooling coordination, IVT implementation, and technical problem resolution. Proven ability to collaborate across Engineering, Factory Operations, Quality, Industrial Engineering, and Production Support organizations.

CORE COMPETENCIES

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|----------------------------------|-----------------------------|
| • Teamwork | • Lean Manufacturing |
| • Problem Solving | • Production Planning |
| • Technical Training | • Process Development |
| • Change Management | • Manufacturing Engineering |
| • Cross-Functional Collaboration | • Configuration Management |
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PROFESSIONAL EXPERIENCE

Boeing Certified Instructor **01/2023 to Current**

GP STRATEGIES / JUDGE TECHNICAL

- Deliver technical training in CMES, IVT, DCAC/PDM, D6 Navigation, Production Illustrations, and Assembly Drawings.
- Train engineers, mechanics, and production personnel on Boeing manufacturing systems and technical processes.
- Support workforce readiness through structured technical instruction and knowledge transfer.
- Strengthen technical competency across engineering and production functions.
- Translate complex manufacturing systems and documentation requirements into practical technical instruction.

Senior Manufacturing Engineer / Manufacturing Planning Specialist **01/1997 to 01/2020**

THE BOEING COMPANY

- Executed advanced manufacturing engineering assignments supporting aircraft production, manufacturing operations, production planning, and operational efficiency.
- Led manufacturing process reviews for commercial aircraft assembly, supporting manufacturability and production execution.
- Developed work instructions using Boeing engineering drawings, specifications, and technical requirements.
- Coordinated tooling changes across production support teams to address manufacturing requirements.
- Supported manufacturing planning, configuration management, engineering documentation, installation planning, production readiness, and technical issue resolution.
- Collaborated with Engineering, Factory Operations, Quality, Industrial Engineering, and Production Support teams to resolve manufacturing challenges.

Change Incorporation & Refurbishment SME **01/2019 to 01/2020**

THE BOEING COMPANY

- Developed pre-staged planning data supporting production readiness and change incorporation activities.

- Supported manufacturing planning, configuration control, and IVT activities.
- Created a prototype 3D Build Planning Tool supporting manufacturing and build-planning requirements.

Water & Lighting Manufacturing Engineering Lead

01/2017 to 01/2019

THE BOEING COMPANY

- Selected to support recovery and stabilization of 777X Water and Lighting manufacturing planning activities.
- Led planning correction efforts and IVT implementation activities to improve planning accuracy and production execution.
- Coordinated cross-functional planning activities across Everett, Boeing Design Center, and South Carolina operations.
- Developed documented process improvements supporting manufacturing execution and planning effectiveness.

Lighting Systems Manufacturing Engineering Lead

01/2012 to 01/2017

THE BOEING COMPANY

- Led ETAC, SAT, PRR, and planning revision activities supporting aircraft manufacturing operations.
- Standardized installation processes to improve consistency across production activities.
- Reduced recurring production errors through improved installation processes and planning standardization.

Water Systems Manufacturing Engineering Lead

01/2005 to 01/2012

THE BOEING COMPANY

- Supported manufacturing activities for Water, Waste, Oxygen, and Passenger Systems.
- Resolved manufacturing and installation issues affecting aircraft production.
- Applied Lean Manufacturing principles to strengthen production support and improve manufacturing processes.

767 Project Manufacturing Engineer

01/2002 to 01/2003

THE BOEING COMPANY

- Served as the primary interface between Factory Operations and Engineering.
- Supported Water, Waste, Oxygen, Electrical, and Escape Systems.
- Developed and revised aircraft installation plans supporting production requirements.

767 Join & Install Manufacturing Engineer

01/2000 to 01/2002

THE BOEING COMPANY

- Investigated and resolved production-impacting manufacturing planning issues.
- Coordinated with Quality, Industrial Engineering, and Manufacturing organizations to address production requirements.
- Supported join and installation activities through manufacturing planning and technical problem resolution.

747 Flight Line Manufacturing Engineer

01/1997 to 01/2000

THE BOEING COMPANY

- Served as liaison between Factory Operations, Industrial Engineering, and customers.
- Created manufacturing routings, Bills of Material, assembly documentation, and tooling-related planning.
- Supported flight-line manufacturing and aircraft production through detailed manufacturing planning.

Aircraft Maintenance Planner / Maintenance Control Lead

01/1990 to 01/1997

B.F. GOODRICH AEROSPACE / TRAMCO

- Planned and documented aircraft maintenance activities for airline customers, supporting compliance and operational readiness.
- Served as primary customer interface during maintenance events, facilitating communication and resolving operational issues.
- Developed Excel and Access tools to improve Oracle-based planning processes, data accessibility, and analysis.
- Reduced customer requirement turnaround time from five weeks to less than one week through improved planning processes and supporting tools.

SELECTED CAREER ACHIEVEMENTS

- Created a prototype 3D Build Planning Tool supporting manufacturing planning activities.
- Supported 777X Water and Lighting planning recovery and stabilization.
- Implemented IVT-based planning methodologies.
- Improved manufacturing planning and installation processes across multiple Boeing aircraft programs.
- Reduced maintenance planning turnaround time from five weeks to less than one week.
- Supported manufacturing and production activities across 747, 767, 767 Tanker, 777, and 777X programs.
- Delivered technical instruction and knowledge transfer across Boeing manufacturing systems and processes.

EDUCATION

Associate of Arts (AA)

Everett Community College (EvCC)

Everett, WA

- 90 Credits Completed | 3 Classes Remaining
- Enrolling Fall 2026

High School Diploma

Idaho Falls High School

Idaho Falls, ID

Certifications

Boeing Certified Instructor Certification, A+ Computer Certification Completed, 21 Years of Continuous Technical Training and Required Coursework Within Boeing Systems

LANGUAGES

English C2 Proficient