

Joe Resume, Quality Engineering Expert

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CAREER OBJECTIVE

Exploring opportunities to contribute technical program/project management expertise towards supporting the engineering objectives of a firm seeking a driven professional with a dynamic background in robotics and automation, commercial and military aviation products, and technical writing.

AREAS OF EXPERTISE

FAR Regulatory Requirements
Underwriters Laboratory Listing Approvals
Quality Assurance/Auditing
Vendor Qualification/Certification
Process and System Development

Certification Documents Preparation for FAA Approval
SPC Principles and Techniques
ISO-9001 Compliance
Team Management and Collaboration
Project Administration

PROFESSIONAL EXPERIENCE

HR TEXTRON, INC. - Valencia, CA

1998 – Present

Senior Test Engineer

- Thoroughly analyze client specifications, acceptance test procedures, and equipment interface documents to develop documentation supporting software engineers in creating electrical and mechanical input control tests for A320, B-747, and FA-18E/F aircraft flight control actuators.
- Demonstrate dynamic technical writing skills in developing user-friendly test procedure instructions.
- Apply expertise towards validating aircraft flight control actuator testing requirements.

Quality Engineer, Procurement Quality

- Conducted on-site supplier system and special process audits of quality, production processes, record retention systems, and work procedures to qualify as accredited vendors.
- Further reviewed supplier ratings for compliance with established limits and led source inspections to achieve program requirements.
- Planned, coordinated and scheduled annual audits to meet defined timelines.
- Facilitated internal quality control programs and audits, created and updated FAA DMIR's and Repairmen team training handbooks, and developed and administered policies/procedures database supporting ISO-9001 standards.

Engineer Specialist

- Appointed to achieve Underwriters Laboratory Certification and California Air Resources Board (CARB) approval for Shell Smart Pump Automated Fuel System, with personal accountability for certification test program assembly and testing procedures preparation.
- Spearheaded the development and implementation of production plan methods and processes.
- Collaborated with vendors in achieving certifications during parts manufacturing stage.

THE BOEING COMPANY - Long Beach, CA

1987 – 1998

Office Manager

- Coordinated and assigned human resources to optimize project performance within timelines and budget guidelines.
- Significantly enhanced efficiency, productivity, and cost-effectiveness through the development, modification, and integration of enhanced operating methods, processes, policies and procedures.
- Entrusted with providing detailed fiscal and project status reporting for executive team.
- Served as liaison with FAA Los Angeles Aircraft Certification Office on certification analysis, aircraft modification and documentation, teamed with Manufacturing Inspection Satellite Office to meet FAA conformity inspection requirements, secured FAA airworthiness approvals on aircraft repairs, and prepared and submitted all Engineering Certification Reports to both FAA and/or Foreign Governmental Regulatory agencies.

Manufacturing Engineer

- Provided expert Industrial Engineering support for MD-80 commercial aircraft assembly cost centers, with accountability for defining staffing requirements, rate capacities, operation structures, workflow, and production performances.
- Collaborated with manufacturing departments in addressing and resolving assembly line shop floor limitations.

ROCKWELL INTERNATIONAL - Palmdale, CA

1986 – 1987

Industrial Engineer

- Instrumental in facilitating US Air Force B-1B aircraft forward fuselage assembly by performing methods analysis, scheduling, daily monitoring, and job status, cost and schedule control.
- Strategically installed, maintained and revised operating plans, work sequences and cycles, and bar charts.

EDUCATION

Bachelor of Science, Industrial Technology, California State University, Los Angeles
Certificate in Commercial Transportation Administration