

SUE SMITH

ADDRESS, PHONE

theresumecenter@aol.com

MECHANICAL ENGINEERING PROFESSIONAL

Cost Efficient Design /Assessment & Design Improvement
Creative Design / Project Management / Analytical Software

A dynamic, team spirited and performance driven engineering professional with an extraordinary blend of leadership, business, and manufacturing industry knowledge. Recognized for keen ability to improve component designs, increase efficiency, and decrease the need for re-engineering. Ability to communicate and motivate team members to enhance strategic goals and bottom line objectives. Creative problem solving and troubleshooting skills complemented by meticulous and creative detail to drawings and specifications.

Core Competencies

Efficiency Improvements
Product Improvement
ASME & ISO Standards

Creative Problem Solving
Multi-Project Coordination
Root Cause Analysis

Database Management
Assessment / Design / Implementation
Process Validation

Highlights of Employment

Employer

2001 to Present

Engineering Rotation position allowing experience in several different positions throughout the Landing Gear Division.

Design Engineer, November 2004 to Present and August 2002 to January 2003

- Leader of pin specimen project for HVOF coating cohesion testing for F-35 landing gear system, coordinating with materials management and procurement to ensure all standards are met within deadline and budget constraints.
- Serves as department liaison coordinating projects and communicating design changes with product engineering, manufacturing, procurement, program management, and various other personnel as needed.
- Assisted senior design engineers in creation of proposals for fortune 100 companies.
- Coordinated efforts with V-22 project engineer working with component design, preparing drawing release, and bill of materials for all new / re-designed parts.

Stress Engineer, February 2003 to October 2004

- Performed analysis and maintained database for static, fatigue, and fracture analysis of F-35 structural components of main and nose landing gear using pre-existing ANSYS analysis macros.
- Ensured proper static analysis for repair and overhaul material review tags to verify structural acceptability for in-use, non-production planes and helicopter gears.
- Solely responsible for accurately incorporating and updating F-35 fatigue files with new customer supplied load information.

Product Engineer, February 2002 to July 2002

- Provided technical support to all commercial and military landing gear programs.
- Served as company liaison communicating with suppliers, vendors, and shop floor personnel.
- Created drawing change notifications, new bill of materials, and assisted in design for customer proposed changes.

Other Rotation Positions:

Test Engineer, August 2001 to January 2002

Service Engineer, February 2001 to July 2001

Education

School, Independence, OH

Masters of Business Administration – Currently Pursuing Degree

School, OH

Bachelor of Science, Mechanical Engineering Technology

Computer Proficiencies:

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| • Catia V5 | • MathCAD | • Cracks2000 | • SmarTeam |
| • ANSYS | • FORTRAN | • Excel | • |
| • Word | • PowerPoint | • Auto-Cad | • |