

DALE S. DEARDORFF

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SENIOR MANAGEMENT EXECUTIVE

Director • Vice President of Innovation & Strategic Thinking

Results-oriented achiever and innovative problem solver with strong commitment to excellence in service. Facilitate corporate mission/vision through strategic thinking and transforming complex information into workable formats. Resourceful in driving innovation that delivers variety of products and processes derived from R&D projects. Effective in minimizing corporate outlay by developing budgetary metrics and milestones that substantially cut costs and delivery schedules. Successful in identifying, prioritizing, and accomplishing far-reaching objectives through intricate planning and scheduling complex business strategies. Core competencies:

- Innovation Development
- Continuous Process Improvements
- Information Systems Management
- Risk Management Communication
- Staff Supervision & Training
- Corporate Culture & Change Agent
- Project & Program Management
- Technical & Proposal Writing
- Strategic Business Planning/Thinking
- Cross-functional Team Leadership

Numerous leadership and technical achievements operating within collaborative networked environments involving interconnected resource and information sharing. Outstanding problem solving, organizational, team building, interpersonal, leadership, and crisis management skills. Proven written communication abilities, including specialist reports, articles, and technical and organizational publications.

CAREER EXPERIENCE

BOEING LEOS (DIRECTED ENERGY SYSTEMS), West Hills, CA 2005–Present

Program/Project Manager, ABMD, (*Integrated Defense Systems*)

Boeing resident ABMD Pratt & Whitney Program Manager providing program management oversight. Establish and review program metrics, schedules, plans, risk management, and contingency planning. Assist in failure analysis and/or corrective action activities, manufacturing issues, and redesign efforts as necessary. Review manufacturing and production efforts for Lean opportunities. Provide clear program communication path between Boeing Company and Tier 1 supplier base and subcontractors. Establish program milestones based upon ABMD scope. Negotiate program proposal activities for cost, schedule, and technical concurrence while providing program management guidance and lessons learned.

BOEING LEOS (AIRBOURNE LASER), Edwards AFB, CA 2003–2005

Program/Project Manager, ABL, (*Integrated Defense Systems*)

Led and coordinated integration of ABL WEB portal (AF/WAN), Data Management System (ADMS), Manufacturing Execution System (HMS), and Process Based Management System (PBM). Maximized program efficiencies through researching, evaluating, and educating team members on special implementation and capturing of lessons learned and best practices. Developed risk reduction, task management, contingency planning and logic using Action/Risk Control. Implemented fresh initiatives into innovative training processes. Directed efforts to develop and map business management and organizational processes into CMMI and ISO/ASQ format.

CAREER EXPERIENCE (continued)

BOEING ROCKETDYNE (SPACE ENERGY SYSTEMS), Canoga Park, CA

1987-2003

Project Manager

Led and managed NASA, Navy electro-mechanical hardware Research & Development GSE and STE program and hardware specifications through proactive design-to-cost coordination and CATIA/PRO-E CAD design. Educated specialist teams in successfully completing high-priority innovation programs. Oversaw design development, engineering, quality, and manufacturing operations. Implemented diverse problem-solving techniques for examining hardware functionality, design, requirements definition, and flow down. Maintained Earned Value metrics and budgetary program milestones for customer profiles.

Created earned-value analysis and metrics coordinating budgetary plans as Cost Account Manager. Chaired multiple Failure Analysis Committees, producing Fault Tree analysis for investigating Space Station Flight Fidelity Hardware. Implemented diverse problem-solving techniques for lifting and handling of flight hardware. Evaluated and ensured design team adhered to ASME Y14.5 design and manufacturing specifications.

Previous experience as Design Manager, VISTA CONTROLS CORP., Valencia, CA (2 years); and Design Engineer, LOCKHEED SKUNK WORKS, Burbank, CA (8 years).

SECURITY CLEARANCE

Active Department of Defense (DoD) SECRET clearance available

EDUCATIONAL BACKGROUND

Doctorate of Management—Organizational Leadership, UNIVERSITY OF PHOENIX, Tempe, AZ (2005)

Master of Science—Automation Engineering CIAM, CALIFORNIA STATE UNIVERSITY, Northridge, CA (1993)

Master of Arts—2 Dimensional Design, CALIFORNIA STATE UNIVERSITY, Northridge, CA (1987)

TEACHING CERTIFICATIONS

Instructor, Project Management/Project Management Communications—DeVry University (2005)

TRIZ Master Certification—Invention Machine, TechOptimizer and Innovation/TRIZ Centric Software (2002)

Direct Attention Thinking Tools (de Bono)—MICA Management Resources, Canada (2001)

HBDI Hermann Brain Dominance Instrument—Hermann International (2000)

Lateral Thinking (de Bono)—MICA Management Resources, Canada (1999)

Six Thinking Hats and Direct Lateral Thinking (de Bono)—MICA Management Resources, Canada (1999)

PUBLICATIONS

Exploratory Case Study of “Leadership Influences on Innovative Culture,” Doctorate Dissertation (2005)

The Energy of Innovation; A Leadership Perspective (2005)

Synergy Leadership in Quantum Organizations (2006)

KEY ACCOMPLISHMENTS

- Created Task Tracker tool providing more balanced allocation of problem solvers. Designed WEB based input instrument that separated “Issues” from problems and concerns. Analytically balanced input grading against Risk Management grading criteria while establishing baseline sensitizes from customer based on Quality Functional Deployment (QFD) requirements. Established input method for non-quantifiable “Concerns” and provided more balanced resource allocation of “problem solvers” rather than issue “firefighters.”
- Conceived, developed, and established Best Practices Program for optimization of new engine design. Program commended by customer and recognized for importance in data gathering and information sharing, with estimate of 60+ new relevant statements utilized as checklist by all team members. Worked closely and effectively with technical teams to design and conduct series of eight Lessons Learned sessions, providing clarification and output for program.
- Led initiative for share drive migration of critical program information into Data Management System and completed within one year. Developed and integrated data management tool into program data structure. Helped create program specific structure for Data Migration Team’s data and trained all knowledge managers and users in Data Management Tool. New program data eliminated vulnerabilities of shared drive environment with additional data restorable capabilities.
- Developed Risk Management section aiding Multi-User Operator System (MUOS) proposal win. Drafted collaborative document integrating Risk Management, Contingency Planning, Opportunity Analysis, and Program milestone on-ramp and off-ramp opportunities based on all partners’ Lessons Learned. Won proposal due in part to strength and understanding of Risk Management for major program with multiple partners.
- Instrumental in developing and piloting a two-day TRIZ innovation workshop creating on average three new areas of Knowledge Management and five new patentable ideas per session. Utilized customer QFD inputs and functional mapping for decomposition of existing system. Conducted series of ten one- to two-day workshops over five-year timeframe.
- Created MIS (Management Information Systems) Organization for startup program. Constructed enterprise solutions to support dynamic program needs to manage “Information” in all its forms. Designed and implemented program to support data management system for knowledge managers providing a safe/secure and shareable data environment for knowledge management. Implementation of program allowed data mining and enterprise information accessibility, which was previously limited, resulting in productivity efficiencies with global accessibility.
- Reduced propulsion engine replacement serviceability time by 25% while improving safe operating metrics by 20%. Led team efforts for design and development of engine installation fixture, allowing products to be air-floated on pads moving into and out of work area by only two technicians. Created operating instructions that utilized Best Commercial Practices integrated into NASA test environment. Reduced number of staff resources by 65% and increased safety movement factor and safe operations metrics by 20% by eliminating suspended load operation. Facility adopted new method for engine movement, which is now utilized as RS-68 program standard baseline.