

William Garland "Mickey" Stewart, Jr.

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SKILLS

Skills Summary:

Successful management of plant, manufacturing and Industrial Engineering operations. Specialize in productivity improvement. Experience as an Internal Manufacturing Consultant and External Procurement Hardware Project Manager/Engineer. I am considered to be a “people person” who draws the best out of peers and subordinates.

EXPERIENCE

Experience Summary:

Many years of successful well-rounded experience in Manufacturing environments, most of which have been supervisory and management in nature. Experience covers Industrial Engineering and overall Plant/Manufacturing Management operations in the aerospace, defense and commercial industries. Most recently worked in project management/engineering for procured NASA hardware.

Employment History:

6/2006 to 7/6/2010. Sr. Systems Engineer, Teledyne Brown Engineering, Huntsville, AL

Worked for 3+ years as a Project Manager/Engineer and Task Lead to coordinate contractor fabrication of large hardware components for NASA ARES I Tank Manufacturing Demos through a contract with the Marshall Space Flight Center via personal visits, schedule status reviews and payment milestone completions.

9/2000 to 5/2006. Manufacturing Manager, Sierra Lobo, Inc./ A. I. Signal Research, Inc., Huntsville, AL

Managed all manufacturing/fabrication operations – machining, sheet metal, welding, electronic assembly, metal surface treatment and equipment maintenance – under a company contract in NASA facilities. Responsible for cost/schedule job metrics. Worked to ISO-9000 requirements. Coordinated capital equipment recommendations and expenditures. Training received and utilized as a member of the Lean Manufacturing Team to determine and work improvement projects. Proficient with use of VISUAL Manufacturing software system, and many other software programs. Worked on special manufacturing projects as directed by NASA personnel.

12/1996 to 9/2000. Plant Manager, Dryvit Systems, Inc., Columbus, GA
Managed all manufacturing plant functions: production, quality control, maintenance, shipping/receiving, warehouse, human resources, environmental/safety and customer service on a multiple shift basis. Coordinated efforts for ISO-9001 certification. **Led improvement efforts which resulted in a positive turn-around of attitudes by customers toward the plant in comparison to the previous position incumbent via streamlining with productivity, service and schedule improvements. Received written commendations from the company president and from customers due to the service and cost improvements.** Maintained an operating and capital budget of over \$10 million and generated products for annual gross sales of \$20 million.

8/1989 to 9/1996. Manufacturing Manager, Thiokol Corporation, Huntsville, AL (COMPANY CEASED HUNTSVILLE DIVISION OPERATIONS IN 1996)
Managed all solid propellant rocket motor plant manufacturing, maintenance, machine shop and scheduling functions which involved mechanical/chemical processing equipment to prepare and assemble mechanical/electrical components on multiple shift operations to meet contract requirements. **Led efforts to reduce rocket motor unit costs each year while responsible for manufacturing.** Prepared budgets and tracked progress continuously. Possessed record of continual productivity and cost improvements on all programs – TOW2, HELLFIRE, Maverick, MK-36 Sidewinder, Patriot, Standard Missile (1st stage) and Delta. Maintained a direct and indirect annual budget of over \$5 million and generated product for annual gross sales of \$30 to \$40 million.

8/1985 to 8/1989. Chief, Industrial Engineering, Thiokol Corporation, Huntsville, AL
Staffed and implanted “initial” Industrial Engineering efforts and functions in a long-established manufacturing facility. Coordinated projects and had contact with customers, subcontractors, and outside consultants on various projects. Performed special assignments as Internal Manufacturing Consultant to other Thiokol divisions. Coordinated productivity improvement project training and recommendations, QM, production flow improvement, work station layouts, capital justifications, evaluation of employee suggestions, tooling improvement recommendations, methods and human factors analysis, work measurement and man power requirements and balancing, facilities utilization, and preparation of Production and Manufacturing Plans for proposal input.

PROGRAMS

CREW LAUNCH VEHICLE - April 2006 to April 2010

DELTA - August 1985 to September 1996

HELLFIRE - August 1985 to September 1996

MAVERICK - August 1985 to September 1996

MK70 - August 1985 to September 1996

PATRIOT - August 1985 to September 1996

SIDEWINDER - August 1985 to September 1996

TOW & TOW 2 - August 1985 to September 1996

SECURITY CLEARANCE

SECRET (Inactive) – Approximately August 1987 thru September 1996

SKILLS

Skill Name	Yrs Exp	Last Used	Proficiency Level
ENG - INDUSTRIAL ENGINEERING	18	>10 years	Expert
HARDWARE MANUFACTURING PROJECT MANAGEMENT	17	4 months	Expert
MACHINE SHOP MANAGEMENT MANUFACTURING ENGINEERING/PROCESS PRODUCTION ENGINEERING/MANAGEMENT	13	1-5 years	Expert
	19	4 months	Intermediate
	17	1-5 years	Expert
PRODUCTION SUPERVISION	16	1-5 years	Expert
ROCKETS - MICROROCKET PROPULSION	11	>10 years	Novice
WAREHOUSE MANAGEMENT	4	5-10 years	Intermediate

EDUCATION

B.S. - Industrial Engineering

University of Alabama - Tuscaloosa, AL