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Top Skills

Aerospace

Rubber

Elastomers

Publications

Economics of Composites

Elastomeric Tooling For Composites Manufacturing

The Evolution of the Composite Fuselage – A Manufacturing Perspective

Patents

COMPOSITE FABRICATION VENT ASSEMBLY AND METHOD

Alan Hiken

Kane Robotics - Aerospace Manufacturing focused | Composites Manufacturing SME | A&D Industry Advisor & Consultant
Greater Los Angeles Area

Summary

Specialties: composites, aerospace, elastomers, rubber, management, military, defense, M&A,

Experience

Kane Robotics

Management

January 2019 - Present

Greater Los Angeles Area

Kane Robotics is delivering the next-generation of automation to aerospace & defense manufacturers.

Our cobot-based systems reduce costs by providing standardized, “off-the-shelf” automation solutions.

Our focus is providing standardized solutions for the following manufacturing processes:

- Grinding, sanding & finishing
- Light weight drilling
- ADU drilling with templates or jigs
- Dispensing of adhesives, sealants, and liquid shim
- Machine tending

AJ Technical Services & Consulting

Principal

February 2015 - Present

Greater Los Angeles Area

Independent and enjoying life!

United Sciences, LLC

Aerospace Account Manager

April 2016 - December 2017 (1 year 9 months)

Greater Los Angeles Area

Helping bring Aeroscan into the Aerospace & Defense Market

Rubbercraft

6 years

Technical Advisor

February 2015 - December 2015 (11 months)

Long Beach

Report Direct to CEO

Vice President of Engineering & Technology

January 2010 - February 2015 (5 years 2 months)

Gardena/Long Beach

Responsible for all engineering activities - development, production and sustaining. Focus on evolving elastomeric tooling for composite structures, rubber bladders and solid mandrels, from development to production with processes able to support emerging programs - Boeing 787 and Airbus A350, as well as Airbus A320NEO and Boeing 737MAX.

Rubbercraft

Vice President of Operations

January 2004 - December 2009 (6 years)

Gardena

Responsible for all day-to-day production and facilities activities. P&L, environmental, health and safety, technology and maintenance.

Northrop Grumman Corporation

15 years

Integrated Product Team Leader

1996 - 1999 (3 years)

IPT Lead for Joint Strike Fighter Center Fuselage

Composites Center Manufacturing Manager

1991 - 1995 (4 years)

El Segundo, CA

Technical focal point and Team Leader for Composites Manufacturing. Responsible for day-to-day production manufacturing activities in Composite Center of Excellence.

Manager - Composite Process Development

1990 - 1991 (1 year)

El Segundo, CA

Develop and transition new manufacturing technologies from research to production.

Manufacturing Technology Engineer

1984 - 1990 (6 years)

El Segundo, CA

Hands-on man-tech engineer responsible for developing composite manufacturing methods, materials, and processes. Extensive tooling technology development focused on advanced aircraft structures.

Education

University of Missouri-Columbia

Bachelor of Science, Chemical Engineering · (1980 - 1984)