

Duke V Le
9434 Questa Pointe
San Diego, CA 92126
Phone Number: (858) 922 – 8313
E-mail: dukevan2015@gmail.com

Availability:

Job Type: Permanent

Work Schedule: Full-Time

Work Experience:

- **Sheet Metal Mechanic | Radius Aerospace (formerly, Triumph Group)**
November 2017 – May 2020
203 N. Johnson Avenue, El Cajon, CA 92020
 - Manufactured various aircraft parts and structures, fabricated metal repairs, and modifications in collaboration with Vought, Lockheed Martin, and the Short Brothers
 - Demonstrated understanding of the 5S concepts by ensuring hazardous materials, tooling, personal protective equipment, and all studs are in compliance with standards
 - Read and interpreted blueprints, sketches, and product specifications to determine sequence and methods for fabricating, assembling, and installing sheet metal products
 - Familiarized with reading lay outs and trace patterns of products and incorporating them into templates
 - Installed parts with the use of set ups and inspect assemblies such as shears, brakes, bends, presses, forming rolls, trims, grinds, deburr, buffs, and other forms
- **Sheet Metal Mechanic | L3 Communications/Affordable Engineering Service**
April 2010 – May 2017
San Diego, CA
 - Involved in the application, bonding, and fabrication of carbon fiber, Kevlar, fiberglass, and Aluminum Honeycomb Materials for metal repairs
 - Performed various tasks on aircraft including disassembly, overhaul and repair, replacement and modification of miscellaneous metal and composite assemblies with minimal supervision
 - Repaired aircraft structures such as frames, bulkheads, stiffeners, stabilizers, doors, platforms, ducts, wings, tails, access panels, and all metal and composite components on CH-53 assemblies
 - Provided assistance and training on technical matters to artisans of all skill levels
 - Utilized the Lean 6s concepts on a daily basis to ensure hazardous material, tooling, personal protective equipment, and all stands are in compliance for safety by sorting items to their assigned locations, insuring all equipment is safe for use and signed off for, and creating designating places for equipment through painting and masking
 - Swept, vacuumed, and mopped during and after all jobs to assure cleanliness and prevention of Foreign Object Damage, alongside assessing the environment with Daily F.O.D. walks before and after shifts

- Motivated team efforts in maintaining daily 6S activities and practice to incorporate the ideals into a consistent routine
 - Diligently implemented F.O.D. Control, Tool Control, Hazardous Material Control, Material Safety Data Sheets, 6S, Waste Prevention, and Safety Programs, and made sure they were all compliant with EEO regulation and policies with documentation and Stamp Tool Log Books
 - Analyzed and learned from the A1-H53CE-SRM-000, the A1-H53CE-SRM-010, and the NA-01-1A-8 for aircraft principles of operation, general information, and general repair procedures
 - Demonstrated knowledge of the NAVOSH Safety Regulations by performing all duties with the proper PPE such as ear protection, safety glasses, face shields, full face respirators, half-face respirators, Tyvek coveralls, down draft tables, grinding booths, and heap vacuums
 - Specialized in working with aircraft grade aluminum alloys, 7075-0, 7075-T6, 2024-0, and 2024-T3, different grades of Titanium, Stainless Steel, Alloy Steel, and various types of Extrusions
 - Performed fabrication and repairs of assemblies requiring cutting, stamping, riveting, rolling, shrinking, and stretching equipment
 - Incorporated bonding and lay-up methods for aerodynamic sheet metal skins, and fiberglass moldings using vacuum bagging, autoclave, heat lamps, and heat pads with hot bonding machines
 - Strengthened detail-oriented work by utilizing basic hand, precision, and pneumatic tools such as calipers and micrometers, as well as operating specialized tooling jigs and fixtures
- **Tool & Die Maker, Shop Lead Machinist | Sea-Con Brantner & Associates, Inc.**
 April 1988 – April 2010
 El Cajon City, CA
 - Supervised the inspection and RPM set-up of every machinist and provided assistance when needed
 - Led inspections, disassembly, assembly and corrosion treatment, repairs, fabrications, replacements, modifications, and installation of aircraft parts and major structural component plans
 - Repaired flight control surfaces, engine cowling, and maintained fuel cells/tanks
 - Exhibited ability of structural modification and repair at the intermediate and depot level through the use of engineering drawings, safety procedures, standards and maintenance manuals
 - Documented tasks completed through recording in contract field team workbooks
 - Fostered work safety with knowledge of the HAZMAT and OSHA safety requirements, and completion of California's AB 1825 Sexual Harassment and Discrimination Training
 - Operated Computer Numerical Control, creating fixtures, repairing tools, and prototyping machining small connector items in metals such as 303, 316, stainless steel, bronze, titanium, and aluminum

- Adept in removing and replacing rivets without damaging base metal, fabricating and installing brackets, forming parts and assemblies, reaming hand rivets, and reassembling
- Proficient in modifications, repairs, and fabrications of structural parts and skin surfaces for parts of the aircrafts including the wing section, tail and aft area, fuselage, panels, doors, and external fuel tanks
- Performed daily tasks inclusive of drilling, reaming, cutting, forming and bending rigid tubing and routing flexible hoses, removing and replacing missing or broken anchor nuts, rivet bonding wire or copper strips, and standing off spacers and other fasteners
- Consistently executed corrosion damage repair on corrosion control surfaces of aircraft and aircraft systems
- Read and interpreted engineering drawings, blueprints, schematics, and maintenance instruction manuals to create parts necessary for repairs
- Handled various professional tools and equipment such as the drill press, power shears, cutters, power brakes, punches, alignment tools, sanders, grinders, shears, box and pan breaks, and rollers
- Familiarized with all metal and materials used in performing sheet metal aircraft repairs including aluminum alloy, stainless steel alloy, titanium
- Worked closely with the Engineering Department to receive multiple confirmations and perspectives on dimensions for blueprints

Education:

- **San Diego City College**, San Diego, CA June 1987
Associate's Degree in Machine Shop
 - GPA: 3.00 of a maximum 4.00
 - Relevant Coursework, Licenses, and Certifications: Attended courses on machine operation and manufacturing parts

Job Related Training:

- Aircraft Mechanic Stamp Class (AES)
- Respirator Class (AES)
- Corrosion Control (AES)
- Hole Quality (AES)

References:

- Paul Desie, Supervisor at Triumph: (619) 248-4602
- Tucker Raymond, Supervisor at Radius Aerospace: (619) 916-7314
- Ibarra, Supervisor at L3 Communications: (619-767-7063)

Additional Information:

- **Professional Licenses/Certificates**
 - Journeyman Level (Artisan Stamp)
 - California Driver's License
- **Professional Ratings, Awards, and Recognitions**
 - Good Ideas Awards (1995, 1993)
 - Employee of the Month (July 2004)