

Matias I Ruiz Rodriguez

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Summary:

- To become Aircraft Structural/ sheet metal mechanic for a motivated, high performing team, utilizing leadership skills and technical expertise to ensure improvements in production processes and quality.
 - To meet customer requirements for quality and schedule.

Education

North East Independent School District Jun 2016
Adult Education
General Education Development Certificate

Technical Skills:

- Assembly of Precision and Structural Aircraft Components and Sub-assemblies.
 - Aircraft structural mechanic for various types of aircraft.
- Ability to perform a variety of fastener installation and structural assembly operations.
- Locate Tools And/or Parts On Airplane Using Tooling Holes, Pilot Holes, Or By Hand (as Required), Per Drawing Or Tooling Instructions.
 - Align Parts and Secure in Place Using Clecos or Tooling/hand Clamps.
 - Check for Good Edge Margins and Alignment.
 - Shim and/or Trim Parts as Required.
- Select Drill Bits, Reamers And/or Countersinking Tools For Pilot And Full Size Holes.
 - Locate and Drill Pilot Holes Using Drill Motor And Proper Size Drill Bit(s).
- Drill, Ream, Countersink Full Size Holes In Parts/assemblies, In Proper Sequence and to Correct Size Using Drill Motor.
 - Set Countersinking Tools to Proper Depth as Required.

- Disassemble Parts and Deburr Holes Using Chip Chasers, Deburring Tools, And Files To Prepare For Installation Of Fasteners.

Skills

Computer OS- Windows, Linux, and MACOS
 Programs- MS Word, Excel, PowerPoint
 Language- Fluent in Spanish both written and verbal
 Coding programs - Visual Studio Code, PyCharm Community Edition 2023.2.5
 Coding - HTML, CSS, Java, Fish

Experience:

ASPIRE MRO – Fort Worth, TX April 2024 - October 2024

- Heavy structure conversion Modification on Boeing 777
- Working with Engineering drawings
- Helping Engineering with revisions and network on drawings for specific locations of the plane
- making sure all fasteners, parts and plane is drilled, fasten correctly with efficiency and Quality

PowerHouse Resources – Randolph Airforce Base Converse, TX October 2023 - March 2024

- Heavy structure maintenance on T-38 Aircraft
- Remove and Replace Aircraft Skins, Formers, Cockpit Longerons, Floors and Dorsal Longerons
- Working with a secret clearance and managing Blueprints, Tasks/Cards on government Laptops
- Communicating and working with GOV-E's mechanic, Leads and supervisor
- Working in the Aft, Mid and Fwd sections of the aircraft working in tight places of the Aircraft (Fwd cell, Mid Cell, and Aft cell)
- Preparing and Finishing T-38 Aircraft for final inspections
- Follows all safety procedures and practices as established by the Company and regulatory bodies

Spirit AeroSystem – Wichita, Kansas August 2023 – October 2023

Manufactured Boeing 737 – 800, 900, MAX 10, and P8
 Worked on finishing tasks and rework on Outer and inner keel beam

Drilled parts to the keel beam and frames and prepared for inspections
Install webs, clips and intercoastal per Engineer Drawings

Logmet – Randolph Airforce Base March 2023 – August 2023

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AES inc – Randolph Airforce Base Sept 2022- March 2023

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Precision Driven Solution – Dothan Alabama Feb 2022 – Sept 2022

Sheet Metal Mechanic

- Interior Cargo Modification on B737-400, B737-800, Detailed Interior MD80, and CRJs
- Heavy Interior Modification on B737-800, Hat Cannels, Zee Angle, Aft Bulk-Head Wall
- Heavy Interior Modification on MD-80, Team Work on Floor Panels, Hat Channels, Zee Angles, Gill Liner, Air Distribution Mod. Aft, Mid and FWD Cargo Finish
- Opening and prepping MD-80 for Heavy Modification
- Opening and Prepping B737-800 For Heavy Modification

L&E Yataco Services – Dothan Alabama Feb 2021 – Dec 2021

Sheet Metal Mechanic

- Interior Cargo Modification on B737-400, B737-800, Detailed Interior MD80, and CRJs
- Working from Drawings, Blueprints, Written procedures, Planned work-orders, and technical work orders
- Working with a diverse group of Structure and Interior Mechanics
- Preformed Structure & Interior Modification; Hat Channels, Zee Channels, Air Duct repair and installation,
Fabricate Cargo Liner and installing, Fabricate Floor Panels, Installing APU Duct, Fabricating Drip Pan for Waste and
Water tank, Referring Material to complete assignments, and Fabricating Emergency exit door/window Modification.
- Corrosion Inspection and removing on Seat Tracks & Floor beams

Spirit Aerosystem – San Antonio, Texas Oct2020 – Nov2020

- Deburr aircraft Aluminum/Titanium parts per engineer drawing/Spec for customers like Boeing, Triumph, Northrop
Gumman, Bombardier and Rolls-Royce

Team Global /St Mae – Mobile, Alabama Jan 2020 – Oct 2020

Sheet Metal Mechanic

- Interior remove and replaced on A300, 757, DC10 FWD and AFT Wall Panels, Floor Panels, Ceiling Panels, Cargo
Panels, and Bulk head panels.
- Sheet Metal repairs on A300
- Engine Pylon, Wing, Fuselage, Remove corrosion, Remove and Replace fasteners.

4M HR Logistics/M7 Aerospace – San Antonio, TX Oct 2019 – Nov 2019

Sheet Metal Mechanic

- Sheet Metal Repairs on Brazilian C-130
- Removal of Corrosion and Repair on Dorsal fins
- Manufactured Webs for Fuselage.

PDS Technical Services, Inc. / Boeing Aerospace - San Antonio, TX

Sheet Metal Mechanic Aug 2018 – Oct 2019

- Sheet Metal repairs on Boeing aircraft Modification on EMs 767 Japan AWACS
- Modification on tail cone 767 Japan AWACS

San Antonio Aerospace - San Antonio, Texas Apr 2018 – Jul 2018

Sheet Metal Mechanic

- Sheet metal repairs on aircraft global 300 – 600 remove and replace parts

Flight Star/ AIRCRAFT MOD SPECIALIST - Jacksonville, FL Jun 2016 – Dec 2017

Sheet Metal Mechanic

- Performed Structural, Floor been, Skin Repair, Stringer, Corrosion Removals, Replace Rivet.
- Removed and Replace Parts and Seat Track On Aircraft From B757, B717, and B737.
- Performed Lower Sill OEM Assembly Removal
- Lower Sill Assembly Installation,
- Lower Sill Floor Beam Trim BS 460-640
- Lower Sill outer & Upper Skin Installation
- Lower Sill Protector Installation Skin
- Upper Sill Bracket & SUB Structure Removals
- Upper Sill OEM Assembly Removals
- Upper Sill Assembly Installation
- Side Jambs FWD & AFT Structural removals
- MCD Side Jambs FWD & AFT Installation
- Main Cargo Door Installation
- LBL 62.5 Seat Track Installation BS 480 to 619.91
- Lavatory Structure Attachment Installation
- Floor Drain Installation- Crew Entry Door
- Crease Beam Modification L/H, LBL 62.225
- Seat Track Installation BS 345 To 479, R-1 Door Components And Surround Structure Removals, Crease Beam Modification R/H,
- RBL 62.225 Seat Track Installation BS 345 To 479.91, Shear Panel Installation,
- Barrier Installation, Sliding Door Installation, Floor Drain Installation Main Cabin AFT OF 9-G, R-1 Door Deletion and 9-G Bulkhead Installation, Floor Beam STA 345 Substructure Removals, Floor Beam STA 345 Installation

REFERENCES

- Precision Driven Solution – Jim Cocking – 251-622-7976
- L&E Yataco Services – Enrique Yataco - 334-718-9683
- AIRCRAFT MOD SPECIALIST - Felix Espinoza - 904-614-4911
 - Flight Start LEAD - Ken Prata - 813-767-0962
- Flight Star Employee - Jimmy Sobalvareo – 904-874-1693
 - STS – Kelly - 210-293-3743
 - PDS - Enrique Perez – 210-379-9152
 - 4M HR Logistics - Tyrell, Jordan– 210-683-2833
- Team Global - Cambra, Carpenter – 940-229-8690
 - AES inc – Marcus Trevino – 210-315-7480
 - Logmet – Dylan Wells – 210-500-1172
- Powerhouse resources- Rob - (402)297-0900