

## QUALIFICATION SUMMARY

Seasoned aircraft maintenance manager for American Airlines, F&E Aircraft Maintenance, Northrop Grumman, Boeing commercial/military aircraft and McDonnell Douglas commercial with avionics, mechanical, hydraulics and flight controls maintenance background. Also very familiar with all aspects of aircraft maintenance concepts, quality assurance, maintenance analysts and technical writing experience. I have served as technical focal to support complex projects as MD-11, MD-80's, MD-90's, A319, A320 A321, B717, B737, B747, B757, B767 and not to mention many different military aircraft. I have lead teams in the assessments of customer requirements to identify and allocate support elements maintenance planning for system components; identify need for support equipment and tools; identify customer skill levels to operate and maintain; identify facility requirements to store, maintain, and operate. Identify special packaging, storage, handling, and transportation of the system components. Review of engineering design baselines to provide supportability analysis feedback to design engineering. Also, wrote maintenance instruction manuals, work instructions and work cards to support design changes and repairs to aircraft and components.

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## PROFESSIONAL EXPERIENCE

### **American Airlines**

#### *Line Maintenance Supervisor*

**11/16 – present**

Provide direction and supervision of maintenance mechanics to ensure a team focus is present and maintained. Coordinate with all departments as required to deliver serviceable aircraft to the flight schedule. Provide guidance and oversight ensuring Supervisors and Support groups coordinate and execute daily planned Line Maintenance. Work collectively with maintenance supervisors to ensure maintenance is accomplished in compliance with company policies and maintenance manuals. Ensure maintenance technicians are highly trained and effective. Interface with various providers, vendors and support groups to ensure all resources are staged and maintained for each maintenance event. Continuously improve the performance and readiness of the maintenance team. Ensure projects are completed on time and within budget. Lead aircraft maintenance team regarding projects, tasks, and operations. Familiarize with standard concepts, practices, and procedures within a particular field. Relies on extensive experience and judgment to plan and accomplish goals.

### **American Airlines**

#### *Aircraft Maintenance Technician*

**05/16 – 11/16**

I am currently working as an American Airlines Aircraft Maintenance Technician.

### **F&E Aircraft Maintenance**

#### *Aircraft Maintenance Manager*

**07/15-01/16**

Manage the service, repair, and overall maintenance of aircraft and aircraft engines to verify aircrafts are safe for flight. Ensure compliance to all FAA maintenance regulations and requirements. Oversee the scheduling of repairs and maintenance. Provide direction and supervision of maintenance technicians ensuring a team focus is present and maintained. Coordinate with all departments as required to deliver serviceable aircraft to the flight schedule. Provide guidance and oversight ensuring Supervisors and Support groups coordinate and execute daily planned Line Maintenance. Work collectively with maintenance supervisors to ensure maintenance is accomplished in compliance with company policies and maintenance manuals. Ensure maintenance technicians are highly trained and effective. Interface with various providers, vendors and support groups to ensure all resources are staged and maintained for each maintenance event. Continuously improve the performance and readiness of the maintenance team. Ensures projects are completed on time and within budget. Act as advisor to aircraft maintenance team regarding projects, tasks, and operations. Relies on extensive experience and judgment to plan and accomplish goals.

### **COMAV(Jobaire Aerospace)**

#### *Airframe and Power-Plant Mechanic*

**05/15 – 07/15**

ARNOLD BALDWIN

EMAIL:KNOCKISOCKI@MSN.COM

CELL: 909-749-7238

Performed functions for engine removals, installs, engine preserves and engine runs on MD-10/11, B 737, B757, and B767. Performed avionics functions by function test, trouble shoot, remove and replace component on B747-100 and B747-400 series aircraft. Removed/Replaced engines, fan cowling, and thrust reversers on CFM-56, CF6, PW-JT9, PW4460, PW2037, PW2040 and PW2043. Repaired avionic components and all phases of hardware testing, trouble shoot, configuration, repair and maintenance. Adhere to equipment requirements and the method and sequences of operation to be followed in fabrication of parts using materials such as fiberglass, epoxy resins, rubber and like materials. Followed detailed work instructions and procedures in performance of tasks. Followed prescribed safety rules and regulations and maintain safe, clean work area. Performed all flight Ramp operations required for flight, checkout, troubleshoot, weighing, jacking, marshaling, jacking, fuel/de-fuel, engine install/removal, repairs and modifications.

## **Unemployed**

**03/15 – 05/15**

### **GE Aviation (Belcan Aerospace and Engineering)**

**01/15 – 03/15**

#### *Airframe and Power-Plant Mechanic*

Performed avionics functions by function test, trouble shoot, remove and replace component on B747-100 and B747-400 series aircraft. Removed engine fan cowling and thrust reversers on new test engines. Repaired avionic components and all phases of hardware testing, trouble shoot, configuration, repair and maintenance. Adhere to equipment requirements and the method and sequences of operation to be followed in fabrication of parts using materials such as fiberglass, epoxy resins, rubber and like materials. Layout, pre-fits, assembles and performs lay-up on a variety of composite bonded assemblies. Performed layout and mark dimensions and reference lines on material to develop and trace patterns of product or parts, or uses templates. Selects tooling and materials compatible with the processing techniques identified in the work instructions.

### **GOGO WIFI (STS Aerospace)**

**11/14 – 01/15**

#### *Airframe and Power-Plant Mechanic*

Installed WIFI system on A319/A320 aircraft in accordance with maintenance manuals and engineering orders and standard processing procedures. Utilized microprocessor cards and O'scope tool to troubleshoot aircraft systems. Responsible for loading, verifying and analyzing flight software on the UAV aircraft and GCS control stations. Also performs exterior composite repairs on wings, flight control surfaces, and repairing paint. Followed detailed work instructions and procedures in performance of tasks. Followed prescribed safety rules and regulations and maintain safe, clean work area. Performed all flight Ramp operations required for flight, checkout, troubleshoot, weighing, jacking, marshaling, jacking, fuel/de-fuel, engine install/removal, repairs and modifications.

## **Unemployed**

**09/14 – 11/14**

### **Norco College**

**01/14 – 08/14**

## **Unemployed**

**07/13 – 12/13**

### **Pacific Aerospace (Planetechs)**

**01/13 – 06/13**

#### *Airframe and Power-plant Mechanic*

Performed C checks, D checks on MD-80/90, MD-11, DC-10, B747, B737, A320 and A319 mechanical, oxygen, electrical, pneumatic, structural, and hydraulic systems functions of completed aircraft during pre-flight and post-flight operations. Removed and replaced engine inlet cowlings/thrust reversers and engine component on MD90 and A320/A319/A318 engines. Removed and replaced line replaceable units and pull and replace cards from avionic boxes. Performed rough preparatory work for lamination and inspected, cleaned, assembled, and prepped molds prior to start of work. Selected pre-cut fiberglass mat/cloth according to design specification. Placed layers of mat and cloth in mold; trimming excess material from mold. Mixed catalyst into resin and works saturated mat into shape of mold and assist in removing hulls from mold. Followed detailed work instructions and procedures in performance of tasks. Followed prescribed safety rules and regulations and maintain safe, clean work area. Performed all flight Ramp operations required

for flight, checkout, troubleshoot, weighing, jacking, marshaling, jacking, fuel/de-fuel, engine install/removal, repairs and modifications.

## **Plane Techs**

**09/12 – 10/12**

### *Airframe and Power plant Mechanic*

Performed C checks, D checks on MD-11, DC-10, B747, B737, A320 and A319 mechanical, oxygen, electrical, pneumatic, structural, and hydraulic systems functions of completed aircraft during pre-flight and post-flight operations. Performed rough preparatory work for lamination and inspected, cleaned, assembled, and prepped molds prior to start of work. Selected precut fiberglass mat/cloth according to design specification. Placed layers of mat and cloth in mold; trimming excess material from mold. Performed avionics functions by function test, trouble shoot, remove and replace component from aircraft. Repaired avionic components and all phases of hardware testing, trouble shoot, configuration, repair and maintenance. Adhere to equipment requirements and the method and sequences of operation to be followed in fabrication of parts using materials such as fiberglass, epoxy resins, rubber and like materials. Layout, pre-fits, assembles and performs lay-up on a variety of composite bonded assemblies. Performed layout and mark dimensions and reference lines on material to develop and trace patterns of product or parts, or uses templates. Selects tooling and materials compatible with the processing techniques identified in the work instructions.

## **Northrop Grumman**

**02/09 – 08/11**

### *Aircraft Field Service Engineer*

Wrote procedures for composite repairs to instruct and guide mechanics to perform bonding of materials to fabricate parts and/or for repair applications using products and processes which are varied but generally not complex in scope. Verify work and ensure a defect free part prior to presenting to quality control (inspection). Provided specialized technical assistance and interacts with team members to implement solutions to quickly expedite repairs make aircraft operational. Performed composite, mechanical, structural engineering dispositions and documented and drove issues through appropriate processes to ensure timely mitigation and completion of corrective actions plans. Conducted technical and engineering analysis to mitigate and resolve operational and maintenance anomalies to repair composite panels, parts and depot level maintenance action to get aircraft operational. Responsibilities include resolution of anomalies impacting operational functions of fielded aircraft within contractual requirements including both cost and schedule while ensuring the highest level of customer satisfaction. Field Service Engineer requirements extend to all Hale Programs with contractual requirements to include SBC (and applicable follow on contracts), OCO, GH Maritime demonstration, LRIP and EMD contracts.

## **Boeing Company**

**02/03 – 01/09**

### *Logistics Supply Manager*

Lead cross-functional teams and prepared or support proposal preparation, price negotiation, and contracts administration for Boeing Research & Technology (BR&T); Engineering, Operations & Technology (EO&T). Verify work instructions and ensured a defect free part prior to presenting to quality control (inspection). Adjusted, aligned, and calibrated aircraft systems, using hand tools, gauges, and test equipment. Examined and inspects composite panels or other components for cracks, breaks, or leaks. Disassembled and inspected parts for wear, warping, or other defects. Determined and documents Integrated Logistics Support requirements and resources for the C-17A. Analyze engineering data for composite projects and identify structural deficiencies that might compromise integrity and quality of composite parts. Provide logistical support analysis for organizational and depot level engineering and quality improvements of composite assemblies. Prepared and evaluated supportability concepts as they were developed for operational level and depot level maintenance and determine the applicable maintenance procedures and processes to support the structural integrity or equipment and tools used to repairs and modifications of composite assemblies. Researched blue-prints and work instructions to resolve composite repairs and structural maintenance for fielded aircraft. Analyze data in support of company proposals and plans for new composite parts and assemblies and developed support plans for customer. Provided the prime interface between customer and sub-contractors to design engineering, and other critical cross-functional departments such as: procurement, asset management, engineering, technical publications and etc...

## **Boeing Company**

**07/00 - 02/03**

***Proposal Team Manager***

Provided leadership and guidance to proposal team members on response requirements and proposal development strategies for mechanical, structural and composite repairs, including developing outlines, schedules, templates, etc. Managing the proposal response from receipt of qualified leads, RFP's or RFQ's through to the final product, defining and managing the proposal response plan and schedule. Forms and manages cross-functional bid teams accountable for delivering world-class proposals aligned to customer requirements. Identifies risks associated with the bid and ensures resolution of identified issues. Manages internal communications associated with the proposal and ensures full documentation of bid process.

**Boeing Company****11/99 - 07/00*****Senior Technical Writer***

Organized, developed, wrote, and edited technical publications and related data for the support and operation of Structural Composite components of the aircraft. Wrote technical documents step-by-step instructions to build and repair composite parts for fielded aircraft. Evaluated, estimated, and establish composite project requirements for technical data. Investigated, analyzed, and compiled all available source technical data and wrote new or change material in compliance with appropriate specifications, process and procedures.

**Boeing Company****10/95 - 11/99*****Recovery and Modifications Service (RAMS)***

Provided proper repair technique and materials required to complete composite and laminate repairs. Performed proper techniques to sand, trim, prime and fit repairs to parts. Followed work instructions for repair sequences, and completing necessary forms. Follow all safety procedures and maintain a clean work environment. Cleaned and removes any foreign objects generated during the course of effecting repairs. Documented all work accomplished on a daily bases. Performed all flight Ramp operations required for flight, checkout, troubleshoot, weighing, jacking, marshalling, jacking, fuel/de-fuel, engine install/removal, repairs and modifications. Perform aircraft modifications to the mechanical, hydraulic, pneumatic, composite panels and structures. Overhauled and repaired aircraft at an offsite field location. Also, responsible for completing pre-flight/post-flight operational and functional checks before returning aircrafts back into service.

**Boeing Company****01/89– 10/95*****Structural Mechanic***

Performed layout, pre-fits, assemblies and performs lay-up on a variety of composite bonded assemblies. Performed layout and mark dimensions and reference lines on composite materials to develop and trace patterns of product or parts or templates. Selects tooling and materials compatible with the processing techniques identified in the work instructions. Adhere to equipment requirements and the method and sequences of operation to be followed in fabrication of parts using materials such as fiberglass, epoxy resins, rubber and like materials.

**Air Force/Air Force Reserves****09/83 – 07/94*****Jet Engine Mechanic***

Responsible for inspecting and troubleshooting aircraft engines for preflight, annual, corrosion, and special inspections. Disassembling aircraft engines and components and removing tubing, fuel controls, pumps, and other accessories from engines and breaking down major assemblies in proper sequence and reassembling engines and components. Removed/Replaced engine fan cowling, thrust reversers and engines on C141, F15 and other military aircraft. Determined whether disassembled parts are reusable, recognizing scratches, burns, cracks, deformation, etc. Utilized special disassembly jigs and tools to work efficiently and to prevent damage to parts. Utilized standard measuring and testing instruments such as spring balance scales, continuity testers, go/no-go gages, squares, rules, vernier calipers, and automated test equipment to test disassembled parts for defects such as warping, incorrect weight, or for continuity of wiring harnesses, in order to route defective parts to repair or salvage. Read and interpret blueprints and specification sheets when checking aircraft engine parts visually and dimensionally for damage or deterioration. Detected wear patterns of engine parts, components, and mechanical systems that differ from those normally observed. Estimated serviceability of disassembled parts in order to route for repair or discard.

### **EDUCATION**

*High School Diploma - Lee Senior High School*

*Bachelor's Degree – University of Phoenix*

*Full knowledge of Microsoft Office Suite Word, Excel, PowerPoint and Access. Executive*

*Master's Business Administration (EMBA) – in progress Claremont Graduate School*

### **PROFESSIONAL ACHIEVEMENTS**

*Apprentice Aerospace Propulsion Specialist (Jet Engines) Certificate from United States Air Force, Truth and Negotiation Act Training, McDonnell Douglas Assessor Training Certificate, Earned Value Management Certificate (EVMS), Process-Based Management Training (PBM-I, II), Federal Aviation Administration (FAA) Airframe and Power Plant (Licensed), United States Air Force NCO Leadership Certificate*