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# AIRCRAFT MECHANIC RESUME

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## Summary:

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A person with vast experience in outsourced mechanical and structural quality assurance for aircrafts and carriers, an able-bodied and physically fit person with great motivation and focus, has very good analytical and problem-solving skills; an effective team player and organized field worker capable of multi-tasking and time-based project delivery.

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## Professional Experience:

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Senior Aircraft Structural Mechanic August 2006- Present  
Airlift Express, Cambridge, Massachusetts

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## Responsibilities:

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- Handled a team of mechanics in the assembly and installation of aircraft components such as electrical, plumbing, mechanical, hydraulic, structural parts and accessories.
- Examined and inspected aircraft engines and other structural and physical components for imperfections such as cracks, breaks or leaks before release.
- Conducted thorough quality tests on engines, systems and other components via different advanced automation machinery to ensure perfect calibration and diagnosed malfunctions, if any.
- Performed adjustments on aircraft systems by alignment testing using both manual hand tools and gauges, as well as advanced digital test equipment to ensure quality, durability and balanced calibration.
- Repaired, inspected and replaced aircraft parts for natural wear and tear, warping or other defects that may have been incurred during flights.
- Conducted quality assurance testing by having a series of user acceptance testing gauges and periodic checks.

Aircraft Quality Engineer March 2003 – July 2006  
Paramount Fabrication Corporation, Los Angeles, California

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## Responsibilities:

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- Handled a team of analysts to perform a series of rigorous studies, tests, developmental upgrades and repairs on Albatross Airlines' aircrafts.
- Provided a process workflow to unify and streamline step-by-step repair and maintenance procedure, job owners, timeline and expectations.
- Handled all repairs and maintenance work orders from main airline operators
- Communicated and delegated job requirements to internal teams; aligned work schedule in line with project delivery date.
- Maintained aircraft systems by understanding its mechanisms, specifications, strength and weaknesses and point of failures.
- Examined reported faulty or damaged parts and determine repair and fabrication procedures
- Conducted a 3-layer quality assurance process through a sequential crankcase flushing, screen cleaning, greasing and brake checking.

Junior Aircraft Repair Mechanic November 1999- January 2003  
Zest Boeing Aircrafts, Inc., New York, USA

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## Responsibilities:

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Aircraft Quality Engineer March 2003 – July 2006  
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## Education:

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1997 – 1999 Masters in Aeronautic Sciences  
Stanford University, California  
1993 – 1997 Bachelor's Degree in Engineering (Aeronautics)  
Stanford University, California

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### **Skills/Certifications:**

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- Aeronautics Professional Licensure Board Exam, Board Passer
  - Installation, equipment selection, repairs, problem solving and identification, maintenance and inspection mastery
  - Arm-hand steadiness and manual dexterity skills
  - Quality assurance and service monitoring
  - Keen on detail, theoretically inclined
  - Mathematics and calculations expert
  - People management, delegation and organizational skills
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### **Awards and Affiliations:**

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Aircraft Mechanics Fraternal Association, Member

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