

Michael Reyes

Professional summary

Aerospace Machinist with experience machining precision components for aircraft and spacecraft. Proficient in 5-axis CNC machining, working with aerospace-grade metals, and meeting tight tolerances. Adept at collaborating with engineers and quality teams to refine manufacturing processes and ensure compliance with AS9100 standards.

Experience

Aerospace CNC Machinist

September 2018 - Now
Lockheed Martin / Los Angeles, CA

- Operate and program 5-axis CNC mills to produce high-precision aerospace components.
- Perform first-article inspections (FAI) and in-process quality control checks using CMM and precision measuring instruments.
- Collaborate with engineering and quality teams to optimize machining parameters.
- Train junior machinists in advanced CNC techniques and safety protocols.

Machinist

July 2015 - August 2018
Boeing Defense / Space & Security, Long Beach, CA

- Set up and operated CNC lathes and mills for the production of aircraft components.
- Assisted in developing machining workflows for new parts, reducing waste by 15%.
- Conducted quality inspections and ensured adherence to AS9100 and ISO 9001.

Projects

- **Optimized Aerospace Component Production** – Led a process improvement initiative at Lockheed Martin that reduced machining cycle times by 20%, improving overall efficiency.
- **Developed Training for New Machinists** – Designed and implemented a hands-on program at Boeing, reducing onboarding time for new hires by 30%.

Volunteering

STEM Mentor & Machining Instructor

2020 - Now
Los Angeles Technical High School

- Teach high school students basic machining and blueprint reading.
- Organize hands-on workshops introducing students to CNC programming and manufacturing technology.
- Provide career guidance to students interested in aerospace machining.

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Education

Associate Degree in Manufacturing Technology

Los Angeles Trade-Tech College
Graduated: May 2015

Certificate in CNC Machining

California Aerospace Institute
Completed: August 2014

Certifications

- **AS9100 Aerospace Quality Certification** – Issued: January 2021
- **Advanced CNC Programming Certification** – Issued: September 2019

Skills

5-axis CNC machining and programming	
Aerospace-grade materials (Titanium, Inconel, Aluminum)	
GD&T interpretation and blueprint reading	
CMM inspection and precision measuring tools	
Lean manufacturing and process optimization	
AS9100 and ISO 9001 compliance	