

Joseph Elias

301-693-3601 | Joseph.C.Elias00@gmail.com

Aviation Maintenance Technician student and former U.S. Marine Corps helicopter mechanic with extensive experience maintaining UH-1Y and AH-1Z aircraft, performing 100-hour and phase inspections, and servicing turboshaft engines and rotor systems. Background includes industrial maintenance on heavy-duty equipment, low-voltage electrical systems, and preventative maintenance programs. I am known for strong technical documentation skills, OSHA compliance, attention to detail, and the ability to work effectively in high-tempo, safety-critical environments.

EXPERIENCE

Industrial Maintenance Technician 2 / Bakery De France, Frederick, MD Jan 2024- Dec 2024

- Performed preventative and corrective maintenance on heavy-duty industrial equipment including San Cassiano, Frigidaire, and Mechatherm systems
- Troubleshoot mechanical and electrical issues using technical manuals and schematics
- Conducted inspections to ensure equipment reliability, safety, and production quality

Field Tech low Voltage Electrical Operations & Service / Trinity Security Integrators May 2022- Jan 2024

- Installed and serviced low-voltage electrical and security systems
- Led crews on job sites while maintaining OSHA compliance and safe work practices
- Coordinated with subcontractors and supported large-scale security projects

HELICOPTER MECHANIC 6114 UH-1Y/AH-1Z / United States Marine Corps, Camp Pendleton, CA Nov 2019- May 2022

- Performed scheduled and unscheduled maintenance on UH-1Y and AH-1Z rotary-wing aircraft
- Conducted 100-hour and Phase A, B, and C inspections
- Maintained turboshaft engines, main rotor gearboxes, and aircraft systems
- Followed technical publications, tool control, FOD, and HAZMAT procedures

EDUCATION

Pittsburgh Institute of Aeronautics, Hagerstown, MD / GPA 3.92 Graduating April 2026

FAA Powerplant Certification – February 2026

FAA Airframe Certification – Pending

- Representing PIA HGR as one of five team members at the 2026 Aerospace Maintenance Competition (AMC) at MRO Americas in Orlando, FL

Embry-Riddle Aeronautical University | Aeronautical Sciences | 2020-2021

Wingate University | Mass Communications | 2018-2019

SKILLS & ABILITIES

Leadership Skills

Personnel Management

Mechanical Fields

Engine Cooling Systems

Electrical Schemes

Turboshaft Engines

Transmissions

Rotary WIng Aircraft

Security system design

Training and Development

Technical Manuals

Communication