

NICHOLAS DORSEY

Norfolk, VA 23503

(757) 234-3409 | ndorsey_42@yahoo.com

www.linkedin.com/in/nicholas-dorsey-626739256

AVIATION MAINTENANCE

United States Navy Veteran with a Top-Secret (SCI) Security Clearance and over 8 years of experience in Aviation Maintenance, Safety, Quality assurance, and NDI/NDT methods. Possess a comprehensive background in identifying structural weaknesses, discontinuities, and flaws in parts and structures using non-destructive techniques that include VT, MT, PT, ET, UT, and RT inspection methods in field and workshop settings. Knowledgeable in interpreting and evaluating test results in accordance with applicable codes, standards, specifications, or procedures and examining structures or vehicles such as aircraft, support equipment, manufactured parts, shipboard systems, and welds using non-destructive testing techniques. Experienced in effectively collaborating with individuals of different backgrounds utilizing tactful communication. Career supported by hands-on experience and military training.

- Ultrasonic Testing
- Conflict Resolution
- Communication
- Hydraulic Testing
- Liquid Penetrant Testing
- Quality Assurance
- Magnetic Particle Testing
- Eddy Current
- Radiology
- Corrosion Control
- Industrial Safety
- Training & Development
- OSHA 10
- Visual Testing
- Tire & Wheel
- Airframe / Sheet Metal

PROFESSIONAL EXPERIENCE

Chesapeake, VA – QA Specialist / /NDT II – August 2023 – Present

- Responsible for NDT Level II VT inspections and documentation.
- Responsible for quality control and quality and safety surveillance of all activities involving safety and quality assurance to ensure compliance with Serco’s Quality Management System and applicable regulatory requirements as directed.
- Develops, updates and audits quality assurance QA workbooks and associated objective quality evidence.
- Performs documented surveillances on workmanship quality, safety, and compliance to personal and equipment safety requirements.
- Conducts Quality Process internal audits, reviews/analyzes data and documentation, and completes audit reports and complete other quality control record keeping and training duties as directed.
- Conducts safety inspections and walkthroughs in Industrial environments (e.g. ships/submarines in shipyards)
- Tracks milestones for government tasks and planning
- Contributes to drafting Quality, Safety, and Environmental procedures, perform root cause analysis, conduct technical research, and respond to internal and external Corrective Action Requests (CARs).
- Familiar with NAVSEA Standard Items and QA and Safety requirements as delineated in TS 9090-310 is required.
- Plays a critical role in ensuring the successful monitoring of safety compliance issues and report discrepancies by Investigating incidents, aid with development and completion of corrective actions and prepare applicable reports.
- Exhibits a strong understanding of safety best practices with your experience and judgement to plan and accomplish and accomplish goals.

- Work effectively, independently as well as part of a large diverse team.

US NAVY - Various Locations- NDT Technician - 2020- July 2023

Worked in both field and in lab settings as a stand-alone inspector during global operations and led technicians in daily operations to satisfy the needs of customers.

- Skilled in NDI/NDT methods (PT/MT/ET/UT/RT) and collaborated with engineers to implement new inspection criteria for critical components with accuracy.
- Inspected metallic and nonmetallic materials, parts, and assemblies for defects using automated and manual methods and techniques.
- Provided necessary guidance to trainees and performed audit surveillance on non-destructive inspection processes; initiated and documented non-conformances according to specification process and procedures.
- Supervised physical security and operations for various high profile, senior military level, and Georgia Government level events on and off the installation.
- Interpreted codes, standards, and other contractual documents that control NDT methods and assumed technical responsibility for the NDT facility, equipment, and staff.
- Performs quality control tests and inspections on products, materials, components, and parts at various stages of the production process to ensure compliance with quality and reliability standards.
- Records and analyzes data and writes summaries and reports to validate or show deviations from existing standards.
- Maintains appropriate documentation related to quality assurance tests and inspections.

Norfolk, VA | I-Level Technician (AIMD) USS Harry S Truman 2018-2020

- Supervised day to day maintenance activities across multiple work centers
- Ensured all timeframes were met safely while providing customer service to seven squadrons and four different T/M/S utilizing applicable publications and engineering instruction.
- Trained and qualified subordinates in Tire & Wheel, Airframes, Hydraulics, Corrosion Control/Paint Final Finish, and Minor Composite Repairs.

Qualifications Obtained: 51A/B/C/E/F Collateral Duty Inspector (CDI) , NDT Technician/CDI, Safety Petty Officer, Hazwaste and Hazardous Material Manager, IMRL Manager, Program Auditor

Atsugi, JPN | MH-60R Aviation Structural Mechanic 2016-2018

Maintained and repaired all aircraft structural components, from the cockpit control panels to the landing gear.

- Repaired aircraft fuselage, rotors, airfoils, seats, wheels and tires, controls, and mechanisms, and installed and rigged aircraft flight control surfaces and performed phase maintenance.
- Assembled metal components to repair aircraft exterior and performed daily preflight, postflight, and other types of aircraft inspections.
- Maintained all aircraft main and auxiliary hydraulic power systems, actuating subsystems, and landing gear
- Exercised good judgment in working with people in a team environment as well as in aircraft maintenance and safety practice.
- Utilized technical knowledge of airframe and powerplant systems in determining equipment malfunctions and applied the required expertise in restoring equipment condition and or operation.

Qualifications Obtained: Airframe CDQAR, Line Maintenance CDQAR, Corrosion Control CDQAR, Plane Cap.

Digital Automated Protractor Systems, Hydraulic Line Field Repair

Lemoore, CA | I-Level Technician

2013 – 2016

Tire & Wheel Technician / Maintenance Supervisor / Sheet Metal Mechanic

- Performed breakdown and buildup of F-18 C/D/E/F and MH-60 aircraft tire and wheel assemblies.
- Inspected aircraft wheel bearings, keys, and race assemblies and other critical wheel components for damage and wear.
- Performed and witnessed the use of torque instruments, micrometers, and depth gauges in addition to other measurement and calibrated tools.
- Fabricated faceplates, brackets, and other structural components in support of multiple F-18 utilizing shop equipment such as brakes, mills, and drill press.
- Incorporated technical directives and airframe bulletins on structural components and airframes in accordance with engineer instructions and blueprints.
- Facilitated day to day maintenance activities in a productive and safe fashion utilizing Lean Sigma Six tools.

Qualifications Obtained: STS Operator, T-10/12 Hydraulic Test Bench, Hydraulic Contamination Analysis, Tire & Wheel

NICHOLAS DORSEY | PG 3

EDUCATION | CERTIFICATIONS

Associate's Degree, Kinesiology | West Hills College | Lemoore, CA

TECHNICAL SKILLS

Software: Microsoft Office, Access, Word, Excel, PowerPoint, Social Media Platforms

Operating Systems: Mac / Microsoft Windows