

Charles W. Pridgen

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PROFESSIONAL SUMMARY:

Accomplished, detail oriented professional with 5 1/2 years of NDI and military leadership experience in the aerospace industry as well as experience in the shipyard industry. Skilled (level 2) in 6 NDI disciplines (VT, PT, MT, ET, UT, and Radiography) as well as Spectroil Analysis. Supportive and enthusiastic team player dedicated to maintenance safety and effectiveness.

SKILLS:

- Visual Testing
- Shear Wave
- Thickness Testing
- Conductivity Testing
- Eddy Current Rotary Bolthole
- Computed Radiography
- Weld Certifier
- Attention to detail
- Effective Communication
- Followership/Leadership
- Critical Thinking
- Excel Documents
- Adobe PDF's
- Microsoft Word

EDUCATION:

- High School Graduate: Lake Taylor High School 2015
- United States Air Force: NAS Pensacola Nondestructive Inspection Apprentice Course, JCABP2A732 048C, 392 Hours, 20170517
- United States Air Force Airman Leadership School 2020

EXPERIENCE:

QA/NDT Inspector, Colonna's Shipyard, FEB2023-CURRENT

Level II VT, MT, and PT inspector providing quality assurance in support of maritime structural maintenance across military and civilian vessels. Well Versed with specifications and technical data, ie. Mil Standards 2035A, 1689, and 1688, as well as NAVSEA 271 and various NAVSEA Standard Items. Conducted inspections at Steel America on ship shafts, heavy lifting padeyes, newly fabricated caissons/submarine parts, and barge stands/cradles.

**Non-Destructive Inspection Supervisor (E-5), USAF, 23MXS Moody AFB, GA
DEC2021-OCT2022**

Hours Per Method:

- Pentrant- 53.77
- Mag Particle- 60.45
- Eddy Current- 250.82
- Ultrasonic Testing- 32.60
- Radiography- 60.03

Inspect/Maintain NDI Equipment as well as Developed/Conducted NDI Inspections to verify the structural integrity of A-10's/HH-60's/C-130's/Aerospace Ground Equipment pieces. Guided and mentored 4 Airman to gain 5 level (level 2 civilian equivalent). Provided previous experience to new Airman on how to properly conduct inspections on the A-10 phase 1 and phase 2 inspections. Utilized sharepoint, recording and updating turnover logs/records as well as maintenance data sytems to track and relay inspection results and statuses to maintenance superintendents and leadership. Worked hand in hand with engineering and Senior Non-Commisioned Officers to coordinate 107's (Inspections that were not common and required engineering disposition). Managed C-130 Aircraft Over-G inspection with 2 subordinates while working with the senior dock/hangar chief and 3 other divisions. Analyzed Technical Data Information, Illustrations, and Schematics to efficiently coordinate what was required to happen and when in order to execute inspections effectively.

**Non-Destructive Inspection Supervisor (E-5), USAF, 51MXS Osan AB, Korea
DEC2020-DEC2021**

Hours Per Method:

- Pentrant- 164.87
- Mag Particle- 155.45
- Eddy Current- 528.60
- Ultrasonic Testing- 52.28
- Radiography- 142.18

Inspect/Maintain NDI Equipment as well as Developed/Conducted NDI Inspections to verify the structural integrity of F-16's/A-10's/U-2's/Aerospace Ground Equipment pieces. Day shift team Supervisor for 6 man team. Conducted Approx. 10 Phases between A-10/F-16's, recording and updating turnover logs/records as well as maintenance data sytems to track and relay inspection results and statuses to maintenance superintendents and leadership. Worked hand in hand with engineers and Senior Non-Commisioned Officers to coordinate 107's (Inspections that were not common and required engineering disposition). Utilized sharepoint to relay information through turnover logs. Facility manager and lead CTK (Air Force term for tool room) monitor in charge of shop utilities, tool room inspection kits properly labeled and IAW QA and technical data guidance, disposables kept in stock, and haz. waste safety/disposal.

**Non-Destructive Inspection Tech/Supervisor (E-3/E-4), USAF, 5MXS Minot AFB, ND
JUN2017-NOV2020**

Hours Per Method:

- Pentrant- 962.08
- Mag Particle- 1092.73
- Eddy Current- 1156.82
- Ultrasonic Testing- 355.60
- Radiography- 645.52

Inspect/Maintain NDI Equipment as well as Developed/Conducted NDI Inspections to verify the structural integrity of Nuclear Certified Munition Material Handling Hooks/B-52Hs/UH-1Ns/Aerospace Ground Equipment pieces. Operated Radiographic equip./inspected weld certs. to support Metals Tech weld cert. program. Performed over 30 phases between B-52/UH-1N, recording and updating turnover logs/records as well as maintenance data systems to track and relay inspection results and statuses to maint. superintendents. Conducted briefings and debriefings for aircraft phase overhaul meetings to coordinate major radiographic operations, NDI inspections, and provide concise updates on workcard completions or work stoppages. Worked hand in hand with engineers and Senior Non-Commissioned Officers to coordinate 107's (Inspections that were not common and required engineering disposition). Utilized sharepoint to relay information through turnover logs. Shop lead for NDI tool room, revamped and organized entire tool room for efficiency and within technical data and QA guidance.

Total Hours NDI:

- Pentrant- 1180.72
- Mag Particle- 1372.72
- Eddy Current- 1936.24
- Ultrasonic Testing- 440.48
- Radiography- 847.73

ADDITIONAL INFORMATION:

- Active Secret Clearance
- Unmasked .13" Crack on B-52 flap track using Radiography, acquiring 5th Bomb Wing Air Force Outstanding Unit Award.
- Identified out of limits crack during F-16 wing spars X-Ray and a critical crack during 50Hr Canopy Sill Longeron Eddy Current Inspection.
- Served 40 Hrs+ on the Minot AFB Honor Guard
- Volunteered 8 Hrs for Operation Christmas Drop, providing packages/aid to 56 islands in the Pacific/20K civilians around Guam.
- Volunteered 30 Hrs at North Dakota State Fair ensuring Security/safety of 10K Attendees and helping with set up and tear down, raising \$8K for unit advisory council.