

AMC Bonder Technician

Job Code:

Labor Grade: 2

Job Summary

Performs bonding, layup, assembly, and thermal processing of aerospace composite structures in accordance with work instructions and process requirements. Operates autoclaves, ovens, presses, and other forming equipment to cure bonded components. Prepares and verifies materials, tools, and equipment before and during the bonding process. Ensures compliance with AS9100 and NADCAP standards while supporting quality, safety, and continuous improvement initiatives in a fast-paced, regulated environment.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Verify tools and equipment are calibrated prior to use.
- Perform safety checks and walkarounds of bonding machines and thermal equipment.
- Move components, kits, materials, and tools required for operations per operating procedures.
- Validate material status including mechanical life, out time, shelf life, traceability and manage Time Sensitive Material (TSM).
- Verification of bonding for voids by utilizing tap method prior to Inspection validation
- Clean and prepare tools and bonding surfaces to meet specification requirements.
- Perform layup, bagging, sealing, and assembly of composite parts according to work instructions.
- Conduct torque, tool, and leak checks prior to processing.
- Cure bonded parts using autoclaves, ovens, or hydraulic presses per thermal cycle requirements (SWIMs).
- Monitor run status, verify thermal cycle parameters (pressure, temperature, vacuum), and document deviations per quality standards.
- Support mechanical and electrical assembly including hole drilling, fastener installation, and soldering.
- Operate additional equipment as needed for bonding or assembly and testing operations such as hone station, drilling, etc.
- Carry out surface preparation procedures using media blasting as applicable.
- Load and unload product from containers, crates, and boxes.
- Maintain a clean and safe work area, ensuring compliance with Foreign Object Debris (FOD) prevention protocols.

- Document process data and material certifications in accordance with AS9100 and NADCAP requirements.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Support cross-functional teams in troubleshooting and resolving technical issues

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or GED	X	
Minimum 2 years' hands-on experience in composite bonding and layup	X	
Familiarity with autoclave/oven curing cycles and process monitoring		X
Experience in aerospace assembly		X
Use of thermal processing equipment in regulated industries		X
Technical certificate in composites manufacturing or aerospace processes		X

Date Revised: 4/15/2026

AMC Finish Operator

Job Code:

Labor Grade: 3

Job Summary

Performs surface finishing operations on production aerospace components using a combination of automated and manual systems. Responsibilities include operating robotic paint systems and manual paint booths, chemical processing, and manual paint preparation such as filler application and blade smoothing, deburr, shotpeen, hone, cascade clean and other finish techniques. Ensures all work meets Bell's quality, safety, and environmental standards while supporting continuous improvement and operational efficiency.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Operate robotic paint systems and automated booths, such as paint and cascade cleaning, for component finishing.
- Operate manual paint booths ensuring proper application and finish quality.
- Perform manual paint prep including masking, sanding, sandblasting, smoothing, and filler application on blades and other parts.
- Clean and maintain paint system components such as spray guns and nozzles.
- Operate automated chem film processing equipment for corrosion protection and surface treatment.
- Touch-up as required on organic or chemical finishes
- Monitor chemical concentrations, temperature, and dwell times to ensure process integrity.
- Complete finish detail using applicable deburr, shotpeen, hone, cascade clean and other finish techniques, by hand or by use of bench or hand type power equipment to control and maintain close tolerance dimensions and surface finishes on a variety of machines parts and assemblies.
- Conduct visual verification of organic and chemical finishes.
- Document process data and maintain traceability of treated components.
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines.
- Maintain respirator fit certification
- Load and unload product from containers, crates, and boxes.
- Move components, kits, materials, and tools required for operations per operating procedures.

- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Support cross-functional teams in troubleshooting and resolving technical issues
- Responsible for maintaining a FOD free environment; practice clean as go principles/procedures in assigned work areas.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or GED	X	
Minimum 3 years' surface prep experience on ferrous-non ferrous and composite substrates.	X	
Minimum 1 year experience with paint spray application on production components	X	
Agree to obtain respirator fit certification during required pre-employment testing or within 90 days of hire	X	
Exposure to aerospace or precision manufacturing		X
Experience with automated or robotic systems		X

Date Revised: 4/15/2026

AMC Gearbox Assembler and Test Technician

Job Code:

Labor Grade: 1

Job Summary

As an Aerospace Gearbox Assembler Technician at Bell, you will play a critical role in the assembly and adjustment of dynamic helicopter components. This position requires precision, attention to detail, and expertise in working with complex mechanical systems to ensure the highest quality standards for flight-critical assemblies.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Assemble, disassemble, various gears, bearings, and machined parts to complete the assembly of helicopter dynamic components, including: Gearboxes, transmissions, subassemblies, main rotor hubs, masts, swashplates, couplings, hub and sleeves, stabilizer bars, transmission clutches, torque shafts, masts, engine nose boxes.
- Perform advanced assembly tasks such as stacking pylons, stretching and balancing hubs, stud install and removal, shimming, thermal fitting, tubing, pressure testing, and preparing components for painting.
- Verify parts for proper identification, physical damage, and ensure all required operations are completed. Address discrepancies and ensure the necessary repairs are complete to meet quality standards.
- Conduct precision fitting and assembly to achieve close tolerances, ensuring smooth operation and proper alignment of bearings and gear surfaces. Tasks may include filing, reaming, and running wear patterns of gears.
- Work from blueprints, specifications, and technical documentation to ensure accurate assembly and alignment.
- Load and unload product from containers, crates, and boxes.
- Move components, kits, materials, and tools required for operations per operating procedures.
- Utilize a wide range of tools and fixtures, including I.D. and O.D. micrometers, height gauges, torque wrenches, and shim calculators, to achieve precise assembly and qualification of components.

- Collaborate with engineering teams to assemble and modify experimental transmissions and test stand transmissions. Improvise solutions in the absence of new tooling and perform repairs to gearboxes, transmissions and other components in test cells as needed.
 - Load and unload gearboxes, components, and other large assemblies onto test stands.
 - Set up and operate test stands for helicopter components such as engines, transmissions, gearboxes, rotor systems, hydraulic systems, and avionics.
 - Conduct functional and performance tests, while monitoring and recording key parameters including speeds, torque, pressure, vibration, and temperature.
 - Record and analyze test data using specialized software and equipment.
 - Identify trends, anomalies, and potential issues in test results. Prepare detailed test reports and documentation for engineering and quality assurance teams.
 - Perform troubleshoot on test stands and associated equipment.
 - Ensure all tools and machinery are in optimal working condition and comply with Bell standards.
 - Adhere to all safety protocols, equipment handling, lockout/tagout requirements, and procedures during testing operations.
 - Ensure the quality and functionality of completed transmissions and main rotor components, providing final sign-off for ship installation.
 - Work closely with engineering teams to refine test procedures and methodologies.
 - Provide feedback on test stand performance and suggest improvements to enhance testing efficiency.
 - Support cross-functional teams in troubleshooting and resolving technical issues.
 - Use mechanic hand and power tools, precision measuring instruments (e.g., micrometers, height gauges, torque wrenches), lubricants, fixtures, templates, and specialized assembly tools
 - Support Test Stand calibration and maintenance as needed
 - Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.
 - Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
 - Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
 - Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
 - Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
 - Responsible for maintaining a FOD free environment; practice clean as go principles/procedures in assigned work areas.
-

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent (e.g., GED)	X	
Minimum of 3 years of mechanical experience including machine shop practices and the assembly of precision machined parts	X	
Reading engineering drawings and specs	X	
Basic precision measurement tools	X	
Demonstrated ability to meet close tolerances and ensure smooth operation of complex mechanical systems	X	
Capable of addressing discrepancies, improvising solutions, and collaborating with engineering teams on assemblies	X	
Experience with MES platforms and digital workflows		X

Date Revised: 4/15/2026

AMC Machine Operator

Job Code:

Labor Grade: 1B

Job Summary

Operates and maintains multiple advanced machining centers to produce high-precision aerospace components in compliance with strict industry standards. Ensures parts meet exacting specifications, supports continuous quality improvement, and follows safety and regulatory protocols in a high-performance manufacturing environment.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Set and verify machine parameters, gauges, and controls to meet aerospace-grade material requirements and tolerances.
- Read and interpret engineering requirements, such as drawings, digital design media, specification sheets, and process method cards.
- Confirm availability and calibration of aerospace-certified tools, fixtures, and gauges according to MES and quality documentation.
- Install and adjust fixtures and cutting tools using torque-specific equipment and industry-approved methods.
- Download and validate CNC programs to ensure proper sequencing and AS9100 compliance.
- Load and unload product from containers, crates, and boxes.
- Move components, kits, materials, and tools required for operations per operating procedures.
- Load parts and materials into machines using hoists, cranes, or robotic systems.
- Start and monitor automated machining cycles.
- Operate and monitor multiple machines simultaneously without compromising quality or safety.
- Verify finished components using precision metrology tools such as CMMs, laser scanners, and digital micrometers.
- Handle and store components in compliance with Foreign Object Debris (FOD) protocols and traceability requirements.
- Identify, escalate, and maintain perishable tools, dimensional deviations, or other process variables while documenting findings.
- Support continuous improvement initiatives and maintain compliance with customer and regulatory standards.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.

- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Support cross-functional teams in troubleshooting and resolving technical issues
- Responsible for maintaining a FOD free environment; practice clean as go principles/procedures in assigned work areas.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent (e.g., GED)	X	
Minimum of 3 years of hands-on experience operating five-axis mills or CNC lathes or multifunction machine operation; or completion of Bell internship combined with at least 1 year of experience on five-axis mills or CNC lathes	X	
Reading engineering drawings and specs	X	
Basic precision measurement tools	X	
U.S. Person (ITAR compliance eligibility)	X	
Familiarity with aerospace materials and safety		X
Experience with mill-turn machines		X
Technical certificate or associate degree		X
Prior work in AS9100, NADCAP, or FAA-certified environment		X
Experience with advanced metrology systems		X
Experience with MES platforms and digital workflows		X
Familiarity with OEM-specific or additive manufacturing systems		X

Date Revised: 4/15/2026

AMC Facilities Maintenance Technician

Job Code:

Labor Grade: 2

Job Summary

Performs a wide range of facility maintenance and construction to support plant operations. This role includes carpentry, painting, general labor, and paint booth maintenance responsibilities. The technician is responsible for building, repairing, and maintaining structural and interior components, performing surface preparation and coating, and labor-intensive work, and ensuring paint booth systems are cleaned, maintained, and operational to meet safety and production standards. Work is performed from drawings, specifications, or verbal instruction in compliance with company and regulatory requirements.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Construct, install, repair, and modify facility structures such as walls, partitions, flooring, cabinetry, workstations, and office spaces
- Install doors, windows, hardware, and interior/exterior trim
- Interpret blueprints, sketches, and verbal instructions to plan and execute work
- Executes layouts per drawings, material selections, and fabrication using appropriate wood and composite materials
- Install ceiling systems, flooring, and protective or sound-deadening materials
- Prepare surfaces and apply paints, coatings, and finishes to facility structures and equipment
- Mix paints and coatings to required specifications and colors
- Perform brush, roller, and spray applications including detailed or specialty work
- Create and apply stencils, markings, signage, and identification labels as needed
- Maintain paint equipment and ensure proper handling of coatings and materials
- Perform scheduled cleaning and maintenance of paint booths and associated systems to ensure operational readiness
- Remove, clean, and install spray systems filters
- Work in confined spaces, elevated areas, and other physically demanding environments
- Perform heavy manual labor including loading/unloading non-production materials, moving equipment, and site preparation
- Assist with excavation, demolition, and general facility upkeep
- Operate basic hand tools, power tools, and material handling equipment
- Support other maintenance trades as needed
- Maintain respirator fit certification

- Maintain clean and organized work areas
- Follow all safety procedures including confined space, fall protection, and PPE requirements
- Ensure compliance with environmental and facility regulations related to coatings and waste
- Capable of standing, climbing, bending, and working in industrial environments
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
- Access, interpret, and utilize work instructions, technical documentation, and material data through Computerized Maintenance Management Systems (CMMS) to perform assigned tasks and document required information as needed
- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Support cross-functional teams in troubleshooting and resolving technical issues
- Responsible for maintaining a FOD free environment; practice clean as go principles/procedures in assigned work areas.
- Move components, kits, materials, and tools required for maintenance operations per operating procedures.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent	X	
2–4 years of experience in one or more of the following: carpentry and tape and bed/facilities painting	X	
Basic ability to read drawings, sketches, or work instructions	X	
Agree to obtain respirator fit certification during required pre-employment testing or within 90 days of hire	X	
Experience in a manufacturing or aerospace facility		X
Working knowledge of paint systems, coatings, or spray equipment		X
Experience with industrial cleaning systems or paint booth maintenance		X
Familiarity with hand and power tools used in carpentry and maintenance		X

AMC Maintenance Machine Mechanic

Job Code:

Labor Grade: 1

Job Summary

Maintains, troubleshoots, and repairs a wide range of industrial and manufacturing equipment used in aerospace production. Performs preventive maintenance and mechanical service on CNC and manual machine tools, 5-axis machining centers, mills, lathes, drills, presses, pumps, compressors, and material handling systems. Ensures equipment reliability, safety compliance, and readiness for production.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Diagnose mechanical, hydraulic, pneumatic, and lubrication-related issues by observing equipment operation, reviewing alarms, and using precision measuring and diagnostic tools.
 - Disassemble, repair, replace, align, and reassemble machine components to restore proper operating condition.
 - Perform routine and preventive maintenance activities, including lubrication, oil changes, coolant replenishment, filter changes, and inspection of equipment condition per OEM recommendations and site standards.
 - Maintain cutting fluids, coolants, and lubrication systems, ensuring proper levels, cleanliness, and disposal of waste oils and fluids.
 - Fabricate, modify, or repair parts using machine tools such as lathes, mills, drill presses, grinders, and other shop equipment.
 - Install and adjust bearings, seals, belts, couplings, pumps, and related mechanical components.
 - Inspect equipment during lubrication and maintenance rounds to identify abnormal conditions and initiate corrective actions.
 - Operate and move support equipment such as waste oil tanks, coolant carts, aerial lifts, and other handling devices.
 - Collaborate with engineering, production teams, IT, OEM representatives, and approved vendors to resolve complex mechanical issues and implement upgrades.
 - Analyze failure trends and recommend corrective actions or design improvements to reduce downtime and extend equipment life.
 - Maintain detailed records of repairs, root cause analysis, and recommended improvements for reliability tracking in the CMMS.
-

- Work from maintenance procedures, technical manuals, drawings, schematics, and verbal instructions.
- Accurately document work performed, lubrication activities, and equipment condition in the computerized maintenance management system (CMMS).
- Follow all safety, environmental, and regulatory requirements, including lockout/tagout, machine guarding, fluid handling, and waste disposal procedures.
- Identify potential safety hazards during maintenance activities and participate in safety audits and corrective actions.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
- Access, interpret, and utilize work instructions, technical documentation, and material data through Computerized Maintenance Management Systems (CMMS) to perform assigned tasks and document required information as needed
- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Support cross-functional teams in troubleshooting and resolving technical issues
- Move parts, kits, materials, and tools required for maintenance operations per operating procedures.
- Responsible for maintaining a FOD free environment; practice clean as go principles/procedures in assigned work areas.
- Works with necessary crafts to perform geometry calibrations as required.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent	X	
Minimum of 4 years of industrial machine repair or machine maintenance experience	X	
Experience with lubrication systems, oils, coolants, and preventive maintenance practices	X	
Ability to troubleshoot and repair mechanical systems in a manufacturing environment	X	
Exposure to aerospace or precision machining environments		X

Date Revised: 4/15/2026

AMC Warehouse and Inventory Specialist

Job Code:

Labor Grade: 3

Job Summary

Supports production, maintenance, and logistics operations by coordinating material dispatch, managing warehouse and maintenance stockroom inventory, executing packaging and crating tasks for aircraft components, and transporting inbound and outbound goods. Ensures materials, spare parts, and tooling are tracked, delivered, and stored efficiently in compliance with quality and safety standards.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Support the dispatch of materials, tools, and products to warehouse, tool cribs, maintenance stockroom and production areas and assist with movement of WIP as needed.
- Monitor and verify on-time delivery and compliance with material specifications.
- Communicate with production, maintenance, and purchasing teams to resolve logistical issues.
- Maintain uncut uncured time-sensitive material traceability and labeling (shelf life, serialization, out time).
- Perform cycle counts, track stock levels, and support full inventory audits of materials and parts.
- Receive and verify inbound materials and parts; unload and stage products using handling equipment.
- Package, wrap, and label components for storage and shipment regardless of containers (i.e. crates, boxes, carts, etc.) with the exception of crating gear boxes.
- Perform a variety of wrapping, packaging, cleaning and preserving materials for long term storage.
- Process inventory requests and issue materials to production areas as needed.
- Accurately identifies and assigns appropriate storage locations, including shelves, bins, containers, and racks, for all articles.
- Load and unload shipments.
- Operate forklifts and picker equipment to pick/put away, load, lift, move, and/or stack large or heavy materials according to training and safety policies.
- Create purchase requisitions in ERP systems to support maintenance and maintenance stockroom as needed.
- Gather materials and assemble kits for maintenance operations.
- Collect and appropriately archive or upload material documentation to MES system or designated data repositories.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling before and after use.

- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Support cross-functional teams in troubleshooting and resolving technical issues
- Move components, kits, materials, and tools required for operations per operating procedures.
- Load and unload product from containers, crates, and boxes.
- Responsible for maintaining a FOD free environment; practice clean as go principles/procedures in assigned work areas.
- Unless process automation is available, create and release URO's for requests originating from Bell Fort Worth manufacturing, repair, or logistics facilities.
- Unless process automation is available, release existing production orders to manufacturing execution systems (MES).

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent	X	
Minimum of three (3) years combined experience in warehouse or manufacturing environment	X	
Bell forklift certification required within six (6) months of employment (company will provide required training)	X	
Packaging, shipping/receiving, or material coordination experience	X	
Inventory tracking and ERP system use (e.g., SAP, Oracle, EAM)	X	

Date Revised: 4/30/2026

AMC Composites & Bonding Inspector

Job Code:
Labor Grade: 1

Job Summary

Performs comprehensive inspection and quality assurance of composite and metallic components, bonded assemblies, and related aerospace parts. Ensures compliance with engineering specifications, layup schedules, bonding processes, and cure cycle requirements throughout production stages—from ply cutting and layup to curing and final assembly. Inspects basic dimensions on composite and metallic bonded components using hand measuring tools, visual/tactile techniques, and inspection layouts to verify fiber orientation, ply placement, bond integrity, supporting product safety and reliability. Supports manufacturing quality and regulatory conformance by performing, in-process, and final inspections.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Perform in-process and final inspections of composite and metallic bonded components, bonded assemblies, and associated hardware and installation. Inspect measurements where required and refer advanced dimensional checks to Dimensional Inspector.
 - Inspect parts prior to, during, and after bonding processes to ensure proper surface preparation and adhesive application.
 - Verify fiber orientation, ply sequence, and material form against engineering requirements.
 - Conduct tap testing and visual/tactile evaluations to detect voids, delaminations, or surface defects.
 - Tap inspection requires ongoing compliance with Bell's internal qualification requirements through initial and periodic requalification for tap inspection as a condition of employment in this job classification.
 - Inspects basic dimensions on composite and metallic bonded components using hand measuring tools including calipers, micrometers, height gauges, and additional measurement tools as needed.
 - Review autoclave and oven cure charts for compliance with engineering requirements.
 - Perform in-process and final inspections of chemical and organic finishes.
 - Inspects parts incoming from supplier (direct buy or offload) and outgoing customer spare parts per departmental policy.
 - Record non-conformance documentation, capture and upload photos, other documentation, and descriptions for Material Review Board (MRB).
 - Provide preliminary review and disposition of non-conformities.
-

- Operate saws, drill press, shaper, sanders, and pull-test machines for preparing and testing bonded test parts; perform destructive testing as required.
- Conduct audits of parts, processes, and environments to verify compliance with AS9100 and internal standards.
- Collaborate with manufacturing teams and Corrective Action Boards (CABs) to resolve quality issues and identify root causes.
- Contribute to continuous improvement initiatives by providing subject matter input.
- Collaborate and advise production personnel on quality standards, defect prevention, and documentation protocols.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling in advance and completing post-use cleaning.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines.
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Participate in continuous improvement that may include but not limited to 5S, shadow boxing, kaizen events, etc. and corrective action initiatives
- Support cross-functional teams in troubleshooting and resolving technical and compliance issues
- Move components, kits, materials, and tools required for operations per operating procedures.
- Load and unload product from containers, crates, and boxes.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent (e.g., GED)	X	
Minimum 3 years of inspection experience in bonding with composite and metallic bonded parts	X	
Familiarity with manufacturing planning systems or MES	X	
Background working with AS9100 or FAA-regulated processes		X

Date Revised: 4/15/2026

AMC Dimensional Inspector

Job Code:

Labor Grade: 1A

Job Summary

Ensures the dimensional accuracy of complex components through precision inspection, digital measurement, and detailed documentation. Uses advanced metrology tools and digital engineering systems to verify compliance with engineering drawings, models, and specifications. Supports manufacturing quality and regulatory conformance by performing in-process, and final inspections.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Set up and operate advanced inspection equipment and technologies to perform dimensional inspections on details, airframe structures, blades, assemblies interpreting results using metrology systems and precision instruments such as CMMs, non-contact devices, surface analyzers, optical comparators, hardness testers, profilometers, calipers, micrometers, precision measurement tools, and other tools as needed.
- Use GD&T principles to evaluate part geometry against design requirements, including tight-tolerance features.
- Compare inspection results against internal standards, customer requirements, and regulatory specifications (e.g., AS9100).
- Inspects parts incoming from supplier (direct buy or offload) and outgoing customer spare parts per departmental policy.
- Record non-conformance documentation, capture and upload photos, other documentation, and descriptions for Material Review Board (MRB) review.
- Provide preliminary review and disposition of non-conformities.
- Ensure calibration and accuracy of metrology equipment (CMM, noncontact metrology, gauges) to maintain audit-ready status.
- Support continuous improvement initiatives through defect trend analysis and recommendations.
- Maintain inspection tools and equipment in an operational calibrated, clean, and audit-ready state.
- Perform in-process and final inspections of chemical and organic finishes.
- Inspect basic dimensions and tolerances using hand tools, to include calipers, micrometers, height gauges, hardness testers, and additional measurement tools as needed.
- Read and interpret engineering requirements, such as drawings, digital design media, specification sheets, and process method cards.

- Conduct audits of parts, processes, and environments to verify compliance with AS9100 and internal standards.
- Collaborate with manufacturing teams and Corrective Action Boards (CABs) to resolve quality issues and identify root causes.
- Contribute to continuous improvement initiatives by providing subject matter input.
- Collaborate and advise production personnel on quality standards, defect prevention, and documentation protocols.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling in advance and completing post-use cleaning.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines.
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Participate in continuous improvement that may include but not limited to 5S, shadow boxing, kaizen events, etc. and corrective action initiatives
- Support cross-functional teams in troubleshooting and resolving technical and compliance issues
- Move components, kits, materials, and tools required for operations per operating procedures.
- Load and unload product from containers, crates, and boxes.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or GED	X	
Minimum of 3 years in dimensional or tooling inspection	X	
Minimum of 1 year experience using 3D modeling platforms	X	
Familiarity with manufacturing planning systems or MES	X	
Minimum of 2 years Geometric Dimension and Tolerance (GD&T) experience and ability to demonstrate proficiency	X	
Minimum of 1 year CMM operation	X	
Exposure to noncontact metrology or 3D model data validation		X

Date Revised: 4/15/2026

AMC Dynamic Detail and Assembly Inspector

Job Code:

Labor Grade: 1

Job Summary

Performs inspection and quality control functions for aircraft assemblies and related components, ensuring they meet engineering specifications, manufacturing plans, and regulatory compliance. Supports production at various stages—from incoming material through fabrication and final assembly—across multiple specialties, including structural and dynamic assemblies. Performs visual inspections and inspects basic dimensions using hand measuring tools and established techniques to verify conformity and uphold safety and product integrity. Supports manufacturing quality and regulatory conformance by performing in-process, and final inspections.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Perform in-process and final inspections of metallics, structural, and dynamic assemblies. Inspect incoming material, parts, and hardware to ensure compliance with specifications; inspect basic dimensional checks where required and refer advanced dimensional checks to Dimensional Inspector.
- Inspect basic dimensions and tolerances using hand tools, to include calipers, micrometers, height gauges, hardness testers, and additional tools as needed.
- Perform in-process and final inspections of chemical and organic finishes.
- Perform qualification and validate test stand data for dynamic assemblies and gear boxes.
- Read and interpret engineering requirements, such as drawings, digital design media, specification sheets, and process method cards.
- Inspects parts incoming from supplier (direct buy or offload) and outgoing customer spare parts per departmental policy.
- Record non-conformance documentation, capture and upload photos, other documentation, and descriptions for Material Review Board (MRB) review.
- Provide preliminary review and disposition of non-conformities.
- Clean, maintain, calibrate, and store inspection tools and PPE; adhere to safety protocols and ergonomic practices.
- Conduct audits of parts, processes, and environments to verify compliance with AS9100 and internal standards.
- Collaborate with manufacturing teams and Corrective Action Boards (CABs) to resolve quality issues and identify root causes.

- Contribute to continuous improvement initiatives by providing subject matter input.
- Collaborate and advise production personnel on quality standards, defect prevention, and documentation protocols.
- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling in advance and completing post-use cleaning.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements.
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines.
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed.
- Participate in continuous improvement that may include but not limited to 5S, shadow boxing, kaizen events, etc. and corrective action initiatives.
- Support cross-functional teams in troubleshooting and resolving technical and compliance issues.
- Move components, kits, materials, and tools required for operations per operating procedures.
- Load and unload product from containers, crates, and boxes.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent (e.g., GED)	X	
Minimum 3 years of experience in aerospace, or related manufacturing inspection	X	
2 years of that experience must be in dynamic assembly inspection	X	
Familiarity with manufacturing planning systems or MES	X	
Background working with AS9100 or FAA-regulated processes		X

Date Revised: 4/15/2026

AMC Nondestructive Test (NDT) Inspector (Union-Covered)

Job Code:

Labor Grade: 1A

Job Summary

Conducts and interprets a range of nondestructive testing (NDT) methods—including ultrasonic, magnetic particle, eddy current, fluorescent penetrant, and visual inspection techniques—to assess the structural integrity, reliability, and compliance of aerospace components. Ensures products meet engineering, quality, and regulatory standards without causing damage to critical parts. Supports engineering review, quality assurance, and continuous improvement initiatives through precise data collection and defect analysis.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Perform inspections using methods such as ultrasonic testing (UT), magnetic particle testing (MT), fluorescent penetrant testing (PT), eddy current testing (ET), tap and visual inspection.
- Operate and maintain inspection equipment such as eddy current units, and ultrasonic units.
- Calibrate and verify test equipment per engineering requirements and NDI techniques to ensure reliability and regulatory readiness.
- Record non-conformance documentation, capture and upload photos, other documentation, and descriptions for Material Review Board (MRB) review.
- Provide preliminary review and disposition of non-conformities.
- Collaborate with engineering, production, and quality teams to resolve inspection-related concerns and initiate corrective actions.
- Ensure ongoing compliance with NAS 410 and Bell's internal requirements for vision and certification through initial and periodic re-certification as a condition of employment in this job classification.
- Clean, maintain, calibrate, and store inspection tools and PPE; adhere to safety protocols and ergonomic practices.
- Conduct audits of parts, processes, and environments to verify compliance with AS9100 and internal standards.
- Collaborate with manufacturing teams and Corrective Action Boards (CABs) to resolve quality issues and identify root causes.
- Contribute to continuous improvement initiatives by providing subject matter input.

- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling in advance and completing post-use cleaning.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements.
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines.
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Participate in continuous improvement that may include but not limited to 5S, shadow boxing, kaizen events, etc. and corrective action initiatives
- Support cross-functional teams in troubleshooting and resolving technical and compliance issues
- Move components, kits, materials, and tools required for operations per operating procedures.
- Load and unload product from containers, crates, and boxes.
- Provide direct Level 2 oversight and documentation for nondestructive testing (NDT) on-the-job training (OJT) for Nondestructive Test Inspector trainees in accordance with NAS 410 and Bell's internal requirements.
- Perform in-process and final inspections of chemical and organic finishes.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent	X	
Minimum 2 years in NDT inspection experience	X	
Must have previously held NAS410 Level 2 Certification in ultrasonic and fluorescent penetrant inspection (UT, etc.)	X	
Familiarity with manufacturing planning systems or MES	X	
Familiarity with c-scan ultrasonics		X
Familiarity with bonded, composite, or metallic parts		X

Date Revised: 4/15/2026

AMC Precision Tooling Technician

Job Code:

Labor Grade: 1A

Job Summary

Supports high-precision manufacturing by operating cutter grinding machines and tool presetting equipment to produce and validate tooling for machining operations. Ensures all ground tools and preset tooling are dimensionally accurate, properly calibrated, inspected, and documented for production readiness. Collaborates with machinists, engineers, and quality personnel to maintain tool integrity, reduce setup time, and improve consistency across grinding and machining centers.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Set up and operate cutter grinding machines to produce precision cutting tools per engineering specifications and part geometry.
- Verify ground surfaces and tool profiles using micrometers, calipers, comparators, and other precision instruments to verify conformance.
- Operate presetting and balance equipment to measure, calibrate, balance, and document cutting tools for CNC machining operations.
- Provide tool offset data to CNC machine operator and validate tool readiness for production.
- Perform routine maintenance on grinding wheels, spindles, and tool holders including dressing, cleaning, and lubrication.
- Document grinding parameters, tool measurements, calibration values, and inspection results in MES or other digital systems.
- Collaborate with CNC operators, maintenance staff, and engineers to resolve tool performance issues or part quality concerns.
- Support tooling trials, first article setups, and new part introductions by ensuring all required tools are staged, ground, and validated.
- Adhere to FOD (Foreign Object Debris) prevention and 5S practices when preparing, installing, or removing tooling.
- Maintain a clean, organized grinding and presetting station, and ensure proper labeling and storage of all tooling and gages.

- Support TPM (Total Preventative Maintenance) practices by checking equipment and tooling in advance and completing post-use cleaning.
- Escalate damaged, worn, or incorrect tools and assist in root cause analysis of tool-related quality issues.
- Participate in continuous improvement that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Load and unload product from containers, crates, and boxes; with exception of gearboxes.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed
- Support cross-functional teams in troubleshooting and resolving technical issues
- Move components, kits, materials, and tools required for-operations per operating procedures.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent	X	
Prior experience in aerospace, automotive, or machining environments (Specific years of experience needed if multi-level position)	X	
Experience with cutter grinding or tool presetting stations	X	
Experience with grinding machines, CNC tooling, and related equipment	X	
Experience using gages, micrometers, and surface finish comparators	X	
Familiarity with MES, setup sheets, or digital tool tracking		X

Date Revised: 4/15/2026

AMC Tool Maker

Job Code:

Labor Grade: 1A

Job Summary

Supports high-precision manufacturing by building and maintaining tooling, jigs, and fixtures used in aircraft production and limited part repair. Ensures all tools are fabricated to specification, verified using precision instruments, and documented for production readiness. Collaborates with engineering, quality, and production teams to maintain tool integrity, reduce downtime, and improve consistency across manufacturing operations.

Job Location: Advanced Manufacturing Center (AMC) - 15100 N. Beach St, Fort Worth, TX, 76177

Responsibilities and Tasks

- Build and maintain tools used in production and limited part repair per engineering drawings and production requirements.
- Plan, lay out, construct, assemble, repair, and modify a wide variety of complex tools, including plaster patterns, master models, mock-ups, fixtures, form blocks, jigs, dies, gauges, and special equipment, using templates, engineering drawings, loft tooling, and master tooling to ensure accurate trim lines, guidelines, and reference points.
- Perform precise bench and machine operations to build, alter, or repair highly complex tools, ensuring accurate relationships, fitting, and interchangeability of parts while maintaining close tolerances required for assemblies.
- Interpret GD&T and CAD models to ensure tooling meets dimensional and functional specifications.
- Operate manual and CNC machining equipment including mills, lathes, grinders, and EDMs used for maintaining tooling.
- Use precision instruments to inspect, align, and validate tooling assemblies.
- Perform dimensional verification and loft PSI evaluation.
- Collaborate with personnel to resolve tooling issues and support new part introductions.
- Support first article setups, tooling trials, and production launches by staging and validating required tools.
- Adhere to FOD prevention and 5S practices during tool fabrication, inspection, and storage
- Maintain a clean, organized tooling area and ensure proper compliance of all tools and gages.

- Support TPM practices by inspecting tooling before use and completing post-use cleaning and documentation.
- Escalate tooling discrepancies and assist in root cause analysis of tool-related quality issues.
- Participate in continuous improvement initiatives that may include but not limited to 5S, shadow boxing, kaizen events, etc.
- Load and unload product from containers, crates, and boxes; with exception of gearboxes.
- Ensure compliance with aerospace industry standards, including AS9100 and government regulatory and contractual requirements.
- Follow Bell's standard operating procedures (SOPs), safety protocols, and environmental guidelines.
- Access, interpret, and utilize work instructions, technical documentation, and material data through Manufacturing Execution Systems (MES) and CAD platforms to perform assigned tasks and document required information as needed.
- Support cross-functional teams in troubleshooting and resolving technical issues.
- Move components, kits, materials, and tools required for-operations per operating procedures.

Job Qualifications

Education & Experience

Education & Experience	Required at Hire	Preferred
High school diploma or equivalent	X	
Prior experience in precision machining (Specific years of experience needed if multi-level position)	X	
Experience with tool fabrication, inspection, and alignment	X	
Experience with machine tools (i.e. mills, lathes, grinders, EDMs)	X	
Experience using precision gages and micrometers	X	
Experience with CATIA		X
Familiarity with MES, setup sheets, or digital tool tracking		X
Experience with non-contact measuring equipment		X

Date Revised: 4/15/2026