



Epic Aircraft Inspector, Composite Fabrication

The Composites Inspector will support the Quality department and will inspect and test composite aircraft parts, assemblies, and structures for work quality, dimensional accuracy, and conformance to engineering drawings and specifications. The Inspector will use precision measuring and testing instruments and equipment, read inspection logs and operation sheets to determine the nature and sequence of inspection, first article inspection, nonconformance reporting and all associated documentation. Must have a full understanding of quality assurance and inspection, quality management system requirements and all post production policies and procedures.

Job Duties:

- Reviews blueprints and production diagrams to visualize layout and assembly procedures, locate critical references, determine parts and materials requirements, dimensions, and finish specifications.
- Visually inspects parts and assemblies for proper placement of composite plies and core and other physical characteristics.
- Measurement of parts and assemblies for dimensional accuracy, using precision measuring instruments, templates, jigs, and fixtures.
- Reads pyrometers, timers, and pressure instruments to verify that operation of curing ovens and other equipment conforms to specifications.
- Examines assembly surfaces subsequent to curing for bridging, fabric wrinkles and delamination.
- Accept or reject parts and assemblies, and prepares documentation to record inspection results, rework required, and disposition of unacceptable products.
- Communicate with Quality Assurance, Manufacturing, and Engineering in verbal and written form to coordinate inspection process and to discuss inspection results.

Job Requirements:

- 2+ years' experience inspecting the layout of composite structure. Experience in an ISO 9001 environment a plus
- 2 year Associates Degree preferred or equivalent work experience
- Experience in a manufacturing shop environment, aviation experience preferred
- Experienced using visual and mechanical inspection tools (e.g. microscope, gages, micrometer, caliper, comparator, etc.
- Ability to read and interpret drawings, and engineering documentation
- High energy level with ability to multi-task while balancing and prioritizing project work with daily responsibilities.
- Reliable and dependable with an excellent attendance and punctuality record.