

Product/Service Purchased

Quality Code

Raw Material	QC01, QC02, QC04, QC05, QC06, QC07, QC15, QC17, QC20, QC21, QC22, QC23, QC24, QC25, QC26, QC27, QC29
Hardware & Other Materials	QC01, QC02, QC04, QC05, QC06, QC07, QC09, QC13, QC15, QC16, QC17, QC21, QC22, QC23, QC24, QC25, QC26, QC27, QC28, QC29
Special Processes (e.g. Heat Treat, Plating, Welding)	QC01, QC02, QC03, QC05, QC06, QC07, QC10, QC11, QC13, QC15, QC17, QC21, QC22, QC24, QC25, QC26, QC27, QC29
Other Outside Services	QC01, QC02, QC05, QC06, QC07, QC08, QC09, QC10, QC12, QC13, QC14, QC15, QC16, QC17, QC19, QC21, QC22, QC24, QC25, QC26, QC27
Calibration	QC06, QC14, QC21

Quality Code	Title	Requirement
QC01	Quality System	Suppliers shall establish and maintain a Quality System acceptable to TTA, for the goods and/or services purchased under this purchase order.
QC02	Authorized Release Certificate (ARC)	<p>Supplier Must:</p> <ol style="list-style-type: none"> 1. An Authorized Release Certificate (ARC) (i.e. FAA 8130-3, EASA Form 1, TCCA Form One or CAAC-038) is required (if eligible) on each line item of the PO and must be completed in accordance with applicable regulatory requirements. Fresh Authorized Release certificates are accepted only. 2. Provide a Certificate of Conformance or ATA 106 stating that material/items supplied under this purchase order meet all applicable purchase order requirements. This certificate shall include the TTA purchase order number, requested part number, nomenclature and condition. The certificate shall bear the legible signature and title of an authorized agent of the Seller. This Certificate of Conformance shall accompany the shipment. All objective evidence which substantiates Seller's certification shall be retained on file at Seller's facility. This data shall be readily available at any time for on-site review by Buyer. When other additional quality requirements so specify, appropriate data shall be provided with each shipment. When requested by Buyer, Seller shall provide, at no cost within 30 days of any such request, legible photocopies of inspection/test results or substantiating objective evidence for any certificate of conformance. <p>Note: If the Seller is providing an Alternate Part Number, the Seller must include documentation traceable to the Original Equipment Manufacturer (OEM) stating that the material is a suitable substitute.</p>
QC03	NADCAP Approval	Special processing NADCAP approval is preferred. The special process requirements will be listed on the actual purchase order.
QC04	Document Traceability	<p>Supplier must:</p> <ol style="list-style-type: none"> 1. Maintain a documented system for recording and controlling traceable items in accordance with specified requirements with full connectivity to Original Equipment Manufacturer (OEM or last Federal Aviation Administration (FAA) certified facility and commercial traceability (for Life Limit Parts). 2. Maintain records of each item to ensure traceability to parent material by heat/lot number and producer's name. Such data shall be identified on the shipper. 3. Identify each item with buyer/manufacturer's part number, (as appropriate) heat/lot number, producer's name and grain direction. (when applicable). 4. Seller to provide a Certificate of origin with shipment.
QC05	Sub-Contractor Flow Down	Supplier is required to flow down the requirements of this purchase order, including terms and conditions to the Supplier's subcontractors.
QC06	Record Retention and Disposition	As a minimum, the Supplier is to retain records for at least 7 years from the date of shipment under each applicable order for all products/part numbers unless otherwise specified in the order. In special circumstances, the purchase order will identify the actual required number of years that the records should be maintained. After the minimum retention period is achieved, suppliers may disposition the records as archive or destroy at their discretion.
QC07	Measuring & Test Equipment	The Supplier's equipment shall be calibrated in accordance with ANSI/NCLSL Z540-1 or ISO 10012-1 and traceable to NIST.
QC08	TTA Furnished Property	Supplier is to return all furnished property to TTA at the completion of the purchase order. Furnished property may include but not be limited to the following: drawings, mylars, process specification, tooling, fixtures, and excess raw material.
QC09	Parts Identification	The Supplier is to identify parts in accordance with purchase order requirements.

QC10	Nonconformance/Corrective Action	The Supplier is to notify TTA of any Nonconformance prior to shipping product and obtain approval for disposition of any nonconforming product. In addition, the Supplier will maintain a system of handling non-conformances and corrective actions. The Supplier will communicate to TTA conditions under which product malfunctions, defects, and unworthy conditions have to be reported to any concerned stakeholders.
QC11	Special Processing Approval	The Supplier is to perform a special process on this purchase order. Special processing may include one of the following processes: heat-treating, stress relieving or Nondestructive testing. TTA shall identify the specific process specification and the end user on the purchase order. The Supplier should maintain its special process approval with the end user. If the Supplier is not currently approved for the specified process, it is the Supplier's responsibility to notify TTA immediately.
QC12	Dimensional Inspection Report	The Supplier is to document an actual dimensional inspection report and submit it to TTA at the completion of the purchase order.
QC13	First Article Inspection	If identified in the Purchase Order, the Supplier must submit a First Article per AS9102 with this purchase order. It should identify all the process specifications and dimensional data.
QC14	Calibration Vendor	The calibration vendor should be accredited to ISO17025. All measurements and test equipment shall be calibrated in accordance with ANSI/NCLSL Z540.3 and traceable to NIST.
QC15	Packaging Protection	Supplier to package parts in a manner that will protect parts from any kind of damage. No metal-to-metal contact is ever allowed. In special circumstances, the purchase order may specify the manner the parts are to be packaged.
QC16	Part Number Serialization	All parts should have unique serial numbers assigned. Supplier is to maintain tractability throughout the production stage.
QC17	Certificate of Conformance	A certification is required, stating that all the products or services meet the contractual or purchase order requirements. The certificate must list the part number and all the applicable process specifications, including up to date revision levels.
QC18	The Boeing Company Approved Process	The Supplier shall maintain a special process approval from The Boeing Company on this purchase order.
QC19	Key Characteristics Data Required	If the purchase order deals with a drawing that identifies key characteristics, both the Supplier and TTA should have established a control plan prior to the placement of this purchase order.
QC20	BUY AMERICA ACT	Items procured under this purchase order must be compliant with DFAR 252.225-7000
QC21	Right of Entry	TTA, our customers, and/or any applicable regulatory authority reserve the right to access the supplier's applicable areas of all facilities, at any level of the supply chain, involved in the order and to all applicable records. Reason for access may include inspection of the item on order, status of the item, or reviewing quality records pertaining to the purchase order in question.
QC22	QMS Awareness	Vendors Personnel must be made aware of: <ul style="list-style-type: none"> • their contribution to product or service conformity; • their contribution to product safety; • the importance of ethical behavior.
QC23	Counterfeit Prevention/SUPs	Suppliers must have a process in place to detect and prevent the use of counterfeit parts/materials/SUPs.
QC24	Control & Monitoring Requirements	Vendor must maintain a sufficient in a Quality Level OTD level. If levels drop below target, supplier will be notified and may be placed on conditional status or disapproved if not corrected
QC25	Change Notification	Supplier is to notify TTA of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and, where required, obtain organization approval.
QC26	Acceptance Authority Media	Media such as inspection stamps and electronic signatures used for product acceptance/inspection must be controlled and traceable to the personnel they are issued to.
QC27	Verification on Supplier's Premises	Verification of product on supplier premises by TTA or its customers/regulatory agencies, does not remove the obligation to provide conforming products and shall not be used as the organization's evidence of conformity.
QC28	Shelf-Life Materials	The supplier provides the manufacturing date, shelf life, and expiration date for all limited shelf-life items under this order. All items will have 80% or more of their shelf life remaining at the time of shipment to TTA. All items are packaged, labeled and transported per their applicable regulatory requirements.
QC29	Obsolescence	Supplier must provide notice at least 180 days prior to any products approaching obsolescence and allow final purchase before obsoleting any product.

QC30	ITAR	<p>ITAR REQUIREMENTS: The Code of Federal Regulations 22 CFR International Traffic in Arms Parts 120 thru 130 apply to all items on this order that meet the requirements of 22 CFR 120. When the TTA Contract or Purchase Order defines that the product being purchased is for a military program or is being developed for a military program the supplier shall ensure they are in full compliance with ITAR requirements.</p>
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REVISIONS

Rev.	Date	Nature of Changes	Approved By
IR	1/1/2025	Original issue.	BROOKE STAFFORD