

Purchase Order Quality Requirements

This document establishes specific quality requirements that apply when specified by PON number on Applied Aero System's purchase orders. Additional requirements and instructions may be included on the Purchase Order. These are in addition to any other contractual requirements.

Compliance with these requirements does not reduce external provider responsibility for furnishing materials and services that fully comply with all Drawing(s) and Specification(s) Requirements, nor does it guarantee acceptance of materials or services by Applied Aero Systems. In the event that materials or services are found to be defective and cannot be demonstrated by the external provider to be in conformance with the Purchase Order Requirements, Applied Aero Systems will have the right to reject them.

1	As applicable to the specifications listed on the purchase order, the external provider personnel shall be qualified to perform the work as dictated by applicable specifications. (Ref: AS9100 para 8.4.3c)
2	The external provider shall maintain a quality system that meets AS9100 or ISO9000 or at a minimum addresses the following (Ref: AS9100 para 8.4.3k) <ul style="list-style-type: none"> a) Contract Review b) Vendor Approval c) Product Verification d) Traceability e) Process Control f) Inspection g) Calibration h) Non-conforming Item Control i) Training j) Record and Document Control
3	Applied Aero Systems expects quality product delivered on-time. Annually, we will monitor our suppliers on the following (Ref: AS9100 para 8.4.3e) <ul style="list-style-type: none"> a) Quality – reject rate not to exceed 95% by order <p>Note: This does not absolve the supplier of making monetary restitution for any/all non-conforming product.</p> <ul style="list-style-type: none"> b) Delivery – greater or equal to 95% on-time by order. Note: "On-time" will be measured as delivered before or on our P.O. due date.
4	External provider shall provide written notification to Applied Aero Systems when a nonconformance is determined to exist or suspected to exist in product already delivered to Applied Aero Systems. This notification shall include shipping dates, purchase order numbers, lot / batch numbers and quantities suspected. This notification must occur immediately. (Ref: AS9100 para 8.4.3k)
5	External provider shall obtain approval from Applied Aero Systems on the disposition of non-conforming product prior to shipment. (Ref: AS9100 para 8.4.3k)
6	External provider shall notify Applied Aero Systems immediately whenever there is a change in facility location or when facility changes names. (Ref: AS9100 para 8.4.3k)
7	All equipment, products, process, and procedures used to produce the product must have been qualified as capable of consistently producing conforming product. Equipment approval records must be maintained. External provider agrees not to make any change in materials, design, product, processes or suppliers (fir, form, function) which will affect the part or any component part with regard without obtaining Applied Aero Systems' written approval. (Ref: AS9100 para 8.4.3k)
8	Further SUB-CONTRACTING on this order is restricted and any exceptions are to be approved by Applied Aero Systems in writing. (Ref: AS9100 para 8.4.3k)
9	External provider shall flow down to their suppliers that are involved in the product or processing of this order including Applied Aero Systems' requirements. (Ref: AS9100 para 8.4.3k)

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10	The external provider shall maintain legible, identifiable & retrievable records that provide evidence of product conformity and effectiveness of the quality management system for a minimum of 11 years from the date of product shipment unless otherwise specified on the order. Records shall be made available to upon request. external provider shall contact Applied Aero Systems prior to destroying any records related to conformity of products provided to Applied Aero System. (Ref: AS9100 para 8.4.3k)
11	The External provider will allow right of access by the company, the customer and regulatory authorities to applicable areas of the supplier's facility and applicable records and to flow down these requirements to any level of the supply chain involved in the order (Ref: AS9100 para 8.4.3l)
12	Where applicable, customer directed sourcing documents, i.e., D1- 4426, apply. (Ref: AS9100 para 8.4.3k)
13	Where applicable the requirements of D1-4426, Appendix D will be flowed to Approved Process Sources for Chemical Processing, Heat Treat, Material Testing Laboratories, Nondestructive Testing, Surface Enhancement, and Welding.
14	First Article Inspections shall be conducted per AS9102 requirements, when applicable. (Ref: AS9100 para 8.4.3i)
15	External provider shall work to the most current revision of specifications, and applicable process specification departures, noted upon the purchase order. (Ref: AS9100 para 8.4.3a)
16	External provider shall ensure persons involved in product or service are aware of their contribution to conformity, their contribution to product safety and the importance of ethical behavior. (Ref: AS9100 para 8.4.3m)
17	<p>External provider shall prevent the use of counterfeit parts. Unless otherwise stated on the purchase order counterfeit prevention requirements shall apply. (Ref: AS9100 para 8.4.3k)</p> <p>a. Guarantee of Product Source(s) The external provider shall ensure that only new and authentic materials are used in production delivered by purchasing parts directly from Original Component Manufacturers (OCMs), OCM franchised distributors, or authorized aftermarket manufacturers. Use of product that was not provided by these sources is not authorized unless first approved in writing.</p> <p>b. Supply Chain Traceability The external provider shall maintain a method of item traceability that ensures tracking of the supply chain back to the manufacture including material in assemblies and subassemblies being delivered per this order.</p> <p>c. Certificate of Conformance and Traceability The parts supplied must be in strict conformance to the requirements set forth and/or referenced in the item description, including applicable revisions. To ensure this conformance, the contractor must provide a Certificate of Conformance and Traceability (CoC/T) with the information and documentation required by the applicable specification.</p> <p>d. Product Impoundment and Financial Responsibility If counterfeit parts are furnished under this purchase agreement, such items shall be impounded. The external provider shall promptly replace such items with items acceptable items and the external provider may be liable for all costs relating to impoundment, removal and replacement.</p>
18	External provider shall provide a certificate of conformance, certificate of analysis, or a test report with each shipment certifying that they have complied with all requirements of purchase order, drawings and applicable specifications
19	When acceptance authority media are used (e.g., stamps, electronic signatures, passwords), the organization shall establish controls for the media. The organization shall control the unique identification of the outputs when traceability is a requirement; and shall retain the documented information necessary to enable traceability. Provider shall, within its organization and its supply chain, ensure that the use of AAM is clearly defined within its Quality Management System (QMS). External provider shall, upon customer request, be able to demonstrate evidence of communication to its employees and to its supply chain; use of AAM must be considered as a personal warranty of compliance and conformity.
20	External provider Statistical Product Acceptance perform 100% inspection for in-process and final inspection

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21	Where time sensitive materials are used, External Providers shall not ship material with less than 80% of shelf life remaining. External Providers shall include on all certifications and/or packing slips the following: Type of material, Expiration date, Lot or batch number, Manufacturers date.																		
22	External Providers shall practice FOD prevention methods and maintain a FOD prevention program.																		
23	The External provider must be certified by Nadcap																		
24	For testing & solution analysis providers will be Nadcap accredited to AC7101(MTL), Accreditation body recognized by MTL. Accredited to 7108/4 for the scope of testing or approve by prime customer for lab analysis. For Penetrant Applied Level III approval required. All chemical standards are traceable to NIST.																		
25	Calibration providers will use equipment traceable to NIST or other NPL and provide a certification of conformance.																		
26	Calibration providers will maintain a calibration system in compliance with ANSI Z540-1, ISO/IEC 17025 or ISO 10012																		
27	<p>Boeing Model and Drawing Prefix</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">MODEL</td> <td>DRAWING PREFIX</td> </tr> <tr> <td>707/KC-135</td> <td>3-/ 458-/ 5-/ 50-/ 65-/ 69-/ 9-/ 90-</td> </tr> <tr> <td>727</td> <td>65-</td> </tr> <tr> <td>737</td> <td>A/ 65C/ 65-</td> </tr> <tr> <td>747</td> <td>B/ U/ 631-</td> </tr> <tr> <td>757</td> <td>N</td> </tr> <tr> <td>767</td> <td>T</td> </tr> <tr> <td>777</td> <td>W</td> </tr> <tr> <td>787</td> <td>J/ Z</td> </tr> </table>	MODEL	DRAWING PREFIX	707/KC-135	3-/ 458-/ 5-/ 50-/ 65-/ 69-/ 9-/ 90-	727	65-	737	A/ 65C/ 65-	747	B/ U/ 631-	757	N	767	T	777	W	787	J/ Z
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Review, Approval, and Revision History

Rev.	Date	Description	Reviewed	Approved
E	11/22/19	Added revision history, changed format, added header & footer updated and added new requirements.	Randy Bickle	Dawn Fechtel
F	11/10/20	REMOVED REVISION FROM AS9100 & FORM. ADDED BOEING MODEL & PREFIX (27)	Steve Sundby	S. Sundby