



## Review of Purchase Orders to Suppliers and Subcontractors

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### APPENDIX 1 : QUALITY ASSURANCE CLAUSES

The following **Purchase Order Quality Assurance Clauses**, with their terms and conditions, become an integral part of the Purchase Order. Changes, additions, or deletions to the referenced Quality Clauses must be made by Purchase Order revision. Shipments will not be considered complete and invoices will not be honored until all identified requirements are fulfilled as defined on each purchase order.

**1. FLOW DOWN REQUIREMENTS**

By accepting and performing work against this Purchase Order, the Supplier agrees to ALL requirements listed on this purchase order. The Supplier also agrees to flow down all requirements listed on this purchase order to the lowest sub-tier supplier.

**2. RATED CONTRACTS**

This is a rated order certified for Nation Defense. You are required to follow all the provisions of the Defense Priorities and Allocation System Regulation (Reference to: Title 15 Commerce and Foreign Trade Part 700 Defense Priorities and Allocations System.  
[http://www.access.gpo.gov/nara/cfr/waisidx\\_07/15cfr700\\_07.html](http://www.access.gpo.gov/nara/cfr/waisidx_07/15cfr700_07.html)).

**3. QUALITY CONTROL SYSTEM**

The seller shall maintain a Quality system that complies with ISO 9001 Quality Management Systems requirements or AS/EN/JISQ 9100 Quality Management Systems – Aerospace requirements. Third party registration by an accredited registrar is preferred. Contractor's declaring compliance to the requirement with no formal accredited registration, may require review. Notwithstanding the provisions of this clause, the seller is in no way relieved of the final responsibility to furnish the supplies or services specified herein. The Contractor's system is subject to review and approval at all times by **RSA**.

**4. INSPECTION / TEST REPORTS**

Each shipment must be accompanied by a legible and reproducible copy of reports of actual results identifiable with inspection / test parameters and products submitted. These reports must contain the signature and title of the authorized representative of the agency performing the test and must assure conformance to specified requirements. The inspection / test reports must also be traceable to the Purchase Order and/or the items referenced.

Approved by:

Originated by: C. Bagwell

This Revision Date: 10/19/2017

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**5. SOURCE INSPECTION – RSA**

**RSA** personnel must inspect all items covered by this Purchase Order at your facility prior to shipment. This will include surveillance of the seller's procedures, and facilities. The seller shall furnish, at no cost to Buyer, necessary facilities and equipment, supply data, and perform tests as required by applicable drawings, specifications, and inspection instructions. Note: when requesting source inspection, call **RSA** Buyer at least forty-eight (48) hours in advance.

**6. SOURCE INSPECTION – RSA CUSTOMER / GOVERNMENT**

**RSA** Customer / Government source inspection is required prior to shipment from your plant. Immediately notify the government representative who normally services your plant and the **RSA** buyer of the planned inspection date. On receipt of this order, promptly furnish a copy of the Purchase order to the government representative who normally services your plant, or, if none, contact the **RSA** buyer immediately.

**7. FINAL ACCEPTANCE**

Final acceptance will be based on **RSA** inspection and testing results at destination.

**8. AS9102 FIRST ARTICLE INSPECTION REPORT REQUIRED**

If this is the first time this part number is delivered to **RSA**, the supplier is required to submit a copy of a completed and signed AS9102 First Article Inspection Report (FAIR) with the first shipment. Changes to the engineering drawing or Seller's manufacturing process (including CM software), relocation of equipment, physical relocation of the facility, or an interruption of the manufacturing of the part exceeding 18 months will require a Delta FAIR. Otherwise the completed and signed AS9102 First Article Inspection Report is required to be on file at Seller's facility for those parts referenced on this purchase order. A copy of the FAIR report may be required to be provided to **RSA** at any time at no extra cost. FAIR's are not required for Commercial off the Shelf (COTS) or catalog parts.

**9. SPECIAL HANDLING REQUIRED**

The parts sent to your facility for processing may be easily damaged. Handle with care to prevent damage during processing and packaging. Suppliers are to ensure parts are handled in a manner that prevents physical injury and/or bodily harm.

**10. RECORD RETENTION – 15 YEARS.**

Supplier is required to maintain on file all records pertaining to the completion of this order for a minimum of 15 years.

**11. LIMITED SHELF LIFE**

If this is a Limited Life item the Supplier shall ensure that at least 85% of the item's shelf life is remaining upon receipt. Supplier shall ensure that containers are plainly and legibility marked as to the contents, expiration date, and any warnings, precautions, instructions and storage conditions. Certification for shelf life and conditions are required to be shipped with this order.

**12. PURCHASE ORDER CONFLICTS**

In the event of any inconsistency or conflict between or among the provisions of this Purchase Order,

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please contact the RSA Buyer for resolution.

**13. AUTHORIZATION TO SHIP EARLY**

You are NOT authorized to ship the items referenced on this Purchase order line early. Permission must be gained from the RSA buyer prior to ANY early shipments.

**14. NO OVER SHIPMENT ALLOWED**

Over shipments against this Purchase Order are expressly prohibited. If Seller wishes to ship extra components than the number required, Contact the Buyer for authorization prior to shipment.

**15. SUPPLIER DEVIATIONS / WAIVERS / NON-CONFORMITIES**

Requests for deviations must be submitted for approval to Purchasing agent. All affected product shall be segregated and identified. Suppliers will disclose to RSA Purchasing & Quality representatives any material non-conformities detected before or after performed tasks. If the material non-conformity is detected after the parts have been shipped to the RSA facility, a full written disclosure will be issued to RSA by the Supplier.

**16. RIGHT OF ACCESS**

RSA (the Buyer), the Buyer's Customer, and/or representatives of the Government or any Regulatory Agency reserves the right to review or inspect your quality control and/or manufacturing systems or processes during the performance of this P.O. By accepting this purchase order you (the Supplier) agree to allow entry to representatives of **RSA** (the Buyer), the Buyer's Customer, and/or representatives of the Government or any Regulatory Agency to perform this review or inspection.

**17. MATERIAL SAFETY DATA SHEETS REQUIRED**

Material Safety Data Sheets are required for the product identified on this line of the Purchase Order. Please include these sheets in an envelope that is identified on the outside as the M.S.D.S. sheets with the Packing List. Ensure all employees are familiar with SDS requirements and their importance.

**18. CALIBRATION**

The contractor's calibration system must comply with ANSI/NCSL Z540-1, ISO 10012-1, or MIL-STD-45662. All Certifications will state, as a minimum, that all standards used are traceable to the National Institute of Standards and Technology, date of calibration, date of expiration, list those standards used, and the technician's signature. Reference BMS-76-01 Appendix 1 for gage calibration requirements.

**19. PACKAGING**

Packaging must be adequate to ensure parts are suitably wrapped, boxed or racked to protect against shipping damage or corrosion.

**20. DOCUMENT CHANGE CONTROL**

The supplier shall maintain adequate controls to assure drawing revisions incorporated in Purchase Order's are implemented in a timely manner. Also, the supplier shall notify and obtain approval from RSA where drawing changes have been made later than those listed on the PO.

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## 21. **RSA FURNISHED MATERIAL**

The supplier shall certify that material used in fabrication is the material furnished by **RSA** Inc. Certification shall reference RSA Purchase Order of material being supplied.

## 22. **RUBBER PRODUCTS**

All rubber products must be packaged per AMS 2817. Cure dates for rubberized product as applicable.

## 23. **M.R.B. AUTHORITY**

Material Review Board authority is NOT granted under this purchase order. Any deviations to this purchase order and/or the listed specifications must be coordinated with **RSA** before shipment. In the event an item being supplied has received MRB disposition from **RSA** or **RSA**'s customer, the Supplier must include a copy of each MRB disposition with the shipment.

## 24. **TOOL PROOFING**

Acceptance of production tooling on this Purchase Order shall be contingent upon inspection and acceptance by **RSA**. The tooling and dimensional samples produced by this tooling must conform to the tolerance limits of engineering drawings and specifications stated on the Purchase Order. A **RSA** Quality Representative may conduct this inspection at the Supplier's facilities or the items may be shipped to **RSA** for inspection, as directed by the buyer. Dimensional samples should be identified with the tool number.

## 25. **INSPECTION AND / OR PRODUCTION TOOLING**

The Supplier is held responsible for the protection, calibration and care other than normal wear, of all Production and / or Inspection tooling furnished by **RSA**, for use in the performance of purchase order requirements. All tooling shall be subject to **RSA** surveillance and / or inspection upon notice. Said tooling, or replacement tooling of equal quality, shall be returned in an acceptable condition upon demand or notice.

## 26. **HARDWARE**

All hardware items must conform to MIL-S7742 and or MIL-8879 and/or AN, MS, NAS specifications. Any hardware that requires Qualified Products List (QPL) or any other approved source requirement must meet these requirements. **RSA** will not accept any alternate or substitute products from an unapproved source.

## 27. **PROCESS CHANGES-NOTIFICATION REQUIRED**

The Supplier must notify **RSA** of any proposed changes to items ordered (i.e. materials, processes, etc.) and obtain written approval prior to shipment. Additionally, the following changes must be communicated with **RSA**:

- Change in location of facilities or manufacturing equipment. Notification must be prior to relocation and with adequate time (minimum 90 days) for hardware, system, and process re-qualification.
- Change in ownership, name changes, or change in senior company management
- Change in quality leadership, system or controlled processes certification status, including suspensions or disapprovals
- Change in holder of design authority or change in location of the design office (change of CAGE code or NSCM)
- Change to processes, products or services

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- Change to their external providers or their manufacturing locations

## 28. **NONDESTRUCTIVE TEST REPORTS**

A legible and reproducible copy of actual Nondestructive Test results identifiable with acceptance requirements and material submitted must accompany each shipment. These reports must contain the signature and title of the authorized representative of the agency performing the inspection and must assure conformance to specified requirements.

## 29. **SAMPLING INSPECTION**

Sampling inspection may be performed in conjunction with this purchase order. Prior to use, the sampling plan must be submitted and approved by the **RSA** Quality Control Department. NOTE: The use of a sampling plan in no way effects **RSA's** right to reject any unit(s) of product found defective.

## 30. **RE-SUBMISSION OF PRODUCT**

Reworked product being re-submitted for acceptance shall reference previous PO, Material Review Rejection document (MRR) on new certificate of compliance.

## 31. **APPROVED SOURCE**

The Supplier shall use only those sources of goods or services that have been approved by **RSA**.

## 32. **APPROVED SOURCE – RSA CUSTOMER.**

The Supplier shall use only those sources of goods or services that have been approved by the **RSA** Customer. These sources are found on the Customer's Approved Supplier List available from the buyer.

## 33. **LOT CONTROL – MIXED LOTS**

The Supplier may furnish material from different heats, lots or batches, as applicable. Where shipments contain parts with different cure dates or are from different heats, lots or batches, sub-lot separation with a separate certification for each sub-lot is required.

## 34. **LOT CONTROL – SAME LOT**

All items on this purchase order are to be from the same manufacturing / processing lot and shall bare the same Lot code identity. The Supplier shall state that the items are from the same lot on the Certification of Conformance.

## 35. **CERTIFICATE OF COMPLIANCE**

The Supplier shall submit with each shipment, a Certificate of Compliance, stating products shipped against this PO are in compliance with Purchase Order requirements. The certificate shall include as a minimum:

1. Name and Address of the Supplier.
2. RSA purchase order number & revision if applicable.
3. Date the Certificate of Conformance was issued.
4. Part number, description and revision letter.
5. RSA Customer part number and revision if referenced on the purchase order.
6. Specification, number and revision letter of each process including type, grade, class and acceptance

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criteria.

7. Quantity of parts (to include quantity accepted/rejected/lost).
8. Signature and title of authorized quality agent of seller.
9. Aircraft Type which component is used (If referenced on the Purchase Order)
10. The RSA Customer tag or other identifying nomenclature if listed on the Purchase Order.
11. Any information referencing any deviations, required by the engineering drawing/model and/or specification must be referenced on the certification.
12. Lot number, heat number, etc... as applicable
13. When parts are serialized, serial numbers must appear on the certification.

## 36. METALS

By accepting this order, you certify that the metals supplied under this purchase order were melted in the United States or a qualified country as defined in DFAR 252.225-7009.

If this is a Specialty Metal as defined in DFAR 252.225-7009, you must supply certifications that the metal has been domestically melted. Certifications from the melt source must be supplied with each shipment (see clause 37).

## 37. RAW MATERIAL CERTIFICATION

The supplier shall submit a Certificate of Conformance from the producing Mill, listing:

1. Part Number (if provided on our Purchase Order).
2. Material Specifications and revisions (AMS6532 & MIL-STD-2154, Type 1, Class AA).
3. Material trade name or common name within the Industry (i.e "Aermet 100")
4. Heat Lot #
5. Laboratory test specifications and results.
6. Chemical and Physical properties.
7. Country where melted.

## 38. GOODRICH COMPLIANCE

The supplier shall comply with Goodrich Document 200 (approved processors) and Document 300 (Supplier Quality Requirements) latest revision.

## 39. LOCKHEED MARTIN AERONAUTICS COMPLIANCE

The supplier shall comply with:

1. Lockheed Approved Processors requirements outlined in the **QCS-001** that is located at: <https://sqm.lmaeronautics.com> (Key control/F for a Search function) and
2. Lockheed Quality Requirements (reference to **Appendix QJ**) located at: <http://www.lockheedmartin.com/aeronautics/materialmanagement> - At the left side of this website select Quality Requirements and click on Quality Appendices to see and connect to the latest revision of **Appendix QJ**.
3. Lockheed Approved Special Process Sources (reference to **Appendix QX**) located at: <http://www.lockheedmartin.com/aeronautics/materialmanagement> - At the left side of this website select Quality Requirements and click on Quality Appendices to see and connect to the latest revision of

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## Appendix QX.

### Appendix QX - 1.3 Counterfeit Parts / Material Prevention (a-d):

The Seller shall establish and maintain a Counterfeit Parts / Material Prevention and Control Plan using AS-5553 (Ref. elements of Section 4) and/or AS6174 (Ref. elements of Section 3) to ensure that Counterfeit Work is not delivered to Buyer. The purpose of Seller's Plan shall be to develop a robust process to prevent the delivery of counterfeit commodities and control commodities identified as counterfeit. **[Notice: AS-5553 and AS6174 have a link on the Supplier Portal Document Library]**

a) For purposes of this clause, Work consists of those commodities delivered under this contract that are the lowest level of separately identifiable items (e.g., articles, components, standard hardware, goods, raw materials and assemblies). "Counterfeit Work" means Work that is, or contains, items misrepresented as having been designed and/or produced under an approved system or other acceptable method. The term also includes approved Work that has reached a design life limit or has been damaged beyond possible repair, but is altered and misrepresented as acceptable.

(b) The Seller shall only purchase products to be delivered or incorporated as Work to Buyer directly from the Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM), OCM/OEM authorized distributor chain, Aftermarket Manufacturer, or Authorized Reseller. These products shall have verification that Work is traceable to OCM/OEM; OCM/OEM authorized distributor chain, Aftermarket Manufacturer, or Authorized Reseller that identifies the name and location of all the supply chain intermediaries from the part manufacturer to the direct source of the product for **RSA**. Work can only be acquired from independent distributors or brokers in cases of diminishing material supply (DMS) or obsolescence and shall be subjected to a screening process appropriate to the commodity in accordance with the Counterfeit Parts / Material Prevention and Control Plan.

If traceability is not obtainable, written notice shall be provided to **RSA's** Supplier Quality Engineer and Buyer prior to delivery with records of evidentiary tests and inspections performed and conformance of the product to specified acceptance criteria that ensures verification activities taken to assure authenticity. Written notice is not required for raw material and standard hardware purchased from independent distributors or brokers, but products must be able to provide commodity level traceability to the Original Manufacturer.

c) Seller shall notify **RSA's** Supplier Quality Engineer and Buyer in accordance with 2.2 with the pertinent facts if Seller becomes aware or suspects that it has furnished Counterfeit Work. shall provide to **RSA's** Supplier Quality Engineer and Buyer, upon request, the supply chain traceability to an Original Manufacturer or authorized distributor chain that identifies the name and location of all the supply chain intermediaries from the part manufacturer to the direct source of the product for the Seller.

d) Seller shall include this clause or equivalent provisions in lower tier subcontracts for the

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delivery of items that will be included in or furnished as Work to Buyer.

Sellers eligible for utilization of the Government-Industry Data Exchange Program ("GIDEP") shall utilize the GIDEP process to alert the industry of encountered counterfeit parts.

4. LMAERO quality requirement communications (i.e.: supplier alerts, supplier disclosure letters and corrective actions) that have been flowed down by **RSA** and supply feedback of any issues or escapes.

#### 40. FOREIGN OBJECT CONTROL REQUIREMENTS

All materials, parts and assemblies will be protected from the intrusion of foreign debris defined as: a substance, debris or article alien to the system or product which would potentially cause damage. Foreign object damage is any damage attributed to a foreign object that can be expressed in physical or economic terms that may or may not degrade the product's required safety and/or performance characteristics.

#### 41. TRACEABILITY IDENTIFICATION

The supplier shall identify "All" materials with the appropriate lot traceability numbers. This will be accomplished using a painted stencil, rubber stamp or Sharpe pen as applicable or defined by the supplier. Each Piece of material is required to have individual Lot marking.

#### 42. GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (GIDEP) NOTIFICATION

Applicable to military contracts only.

As a member of GIDEP, **RSA** may post a report on the GIDEP website (<https://gidep-data.gidep.org/link/database>) for the purpose of identification and notification of actual or potential problems on nonconforming parts, components, materials, manufacturing processes, test equipment, chemicals or computer software.

#### 43. INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR)

Applicable to military and dual application contracts only.

The technical data herein provided is subject to export control under the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). Such data should not be disclosed, exported or transferred in any manner to any foreign person or any foreign country without prior written approval of the Office of Defense Trade Controls, U.S. Department of State or the Bureau of Industry and Security, U.S Department of Commerce.

#### 44. FAR 52.245-1 (Federal Acquisition Regulation) Government Property Clause

Link to this Government Clause: [52.245-1 Government Property](#).

The Sub-tier is directly responsible and accountable for all Government-furnished property per the requirements of FAR 52.245-1

#### 45. SUPPLIER DELEGATION AUTHORITY

Supplier has been granted Method One inspection delegation authority and shall adhere to BMS-74-06



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*Delegation Supplier Program* procedural requirements. RSA- Supplier BMS Documents).

If the designated supplier inspector stamp holder transfers or terminates, or if supplier delegation is revoked, the issued stamp shall be immediately returned to **RSA**. The delegated supplier is required to utilize the approved inspector(s) during all final acceptance of all hardware. In the event that the delegated inspector is not available or is not used, RSA must be immediately notified so that provisions can be made to verify product conformance at RSA.

**46. COUNTERFEIT MATERIAL; ASSURING ACQUISITION OF AUTHENTIC & CONFORMING MATERIEL**

Reference to Aerospace Standard AS6174 Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel specifically to section 3 Requirements.

**47. ROLLS ROYCE REQUIREMENTS**

All suppliers are required to meet SABRe A1.1. sub tier along with being assessed on a routine basis and monitored for performance requirements.

**48. DIGITAL PRODUCT DEFINITION REQUIREMENTS (DPD)**

The supplier must meet the minimum requirements of RSA 10P014 Digital Product Definition procedure, and may be required to meet Boeing D6-51991. This includes performing self assessments and audits to verify compliance at pre-arranged intervals. Changes to any DPD related processes must be communicated with RSA within 30 days.

**49. CESSNA REQUIREMENTS**

Cessna CQRS flows down the quality system requirements of Code of Federal Regulation, Federal Aviation Regulation (FAR) 21.137, and defines Cessna's additional quality requirements. It also advises suppliers that their quality system, facilities, and those of any sub-tier supplier are subject to site evaluations by RSA, Cessna, Cessna customers and regulatory agencies.

**50. SPECIAL PROCESSORS NADCAP APPROVALS:** Shall be Nadcap approved for all special processes and have a quality system that is accredited to AC7004 Quality Management System Requirements for Nadcap.

**51. NO SAMPLING INSPECTION ALLOWED:** 100% inspection required

**52. HONEYWELL FLOW DOWN REQUIREMENTS:** Suppliers shall comply with Honeywell Supplemental Purchase Order Conditions Manual (SPOC)

Suppliers may access the manual via the Aerospace Supplier Portal (ASP): <https://www.supplier.honeywell.com>

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SPOC Group Number	Individual SPOCs Invoked by SPOC Group
SPOC 001 Manufacturer with Design Authority	Sections 1.0 and 2.0, 100, 106, 124, 127, 128, 129, 130, 140, 142, 149, 154, 164**, 165, 200, 239, 267, 354, 418, 419
SPOC 002 * Manufacturer without Design Authority (may include Specification Control drawings that call out specific dimensions, processing methods, etc.)	Sections 1.0 and 2.0, 100, 106, 124, 127, 128, 129, 130, 140, 142, 149, 154, 164**, 165, 200, 239, 267, 354, 418, 419
SPOC 003 Standard and/or Catalog Hardware	Sections 1.0 and 2.0, 100, 106, 140, 142, 164**, 200, 239, 267, 354, 418, 419

Cage Codes: 70210 & 99193

**53. UTC (HAMILTON SUNSTRAND) FLOW DOWN REQUIREMENTS**

All inspection and quality requirements shall be in accordance with the current revision of ASQR-01, HSM17 & ASQR-09.2 UPPAP requirements. Articles are for UTC (Hamilton Sundstrand) "end use".

- 54. BOEING FLOW DOWN REQUIREMENTS:** All special processing shall be performed at Boeing approved source(s) which can be verified on the D1-4426 Approved Processor Listing <http://active.boeing.com/doingbiz/d14426/GetAllProcessors.cfm>

**55. QUALIFICATION OF WORK FORCE**

Suppliers are expected to utilize appropriately qualified individuals when performing work for RSA. Suppliers should promote a philosophy that every individual in the organization plays a role in ensuring the supplier provides quality products and/or services that conform to RSA standards. If suppliers need the support of sub-tier suppliers they will assure the same requirements for competency exist and will assure all appropriate documentation is retained.

**56. ETHICAL BEHAVIOR**

Suppliers are expected to conduct their business in an ethical manner in all interactions with RSA, and hold their workforce accountable for ethical behavior as well. RSA may request training documentation to verify ethical expectations are being communicated to the workforce. Suppliers will assure their employees are aware of their contribution to product or service conformity.