

Revision	Reason for Revision	Section	DCRN Number	Date
W	Minor format edits Reordered items Changed "Acceptance Test Reports" to "Test Reports / "Process Certifications" Added clarification for providing Revs when listing a process spec on CoC Created UPPAP code 36	All Code 1 Code 1  Code 1  Code 36	128968	8/12/2015
Y	Revised Traceability and Identification of Provided Product section for OP5 contract requirements	Code 1	129685	5/31/2016
AA	References Procedure 1.4.24 and Procedure 1.9.6 Spec 5000 for cosmetic issues. Special process section rewritten to add laser machining exception. Additional requirements added for C of C's.	Code 1	130004	9/27/16
AB	Added reference to ASQR-01 & UTAS-SCM-PRO-0003. Replaced "Goodrich" with "UTAS"	Code 1 All	131131	12/06/2017
AC	Clarified SAP update and revised Note Code 8	Code 8	131534	4/27/18
AD	Update header and document references to Collins Aerospace for alignment	All	132360	3/22/2019
AE	Update Identification Requirements	Code 1	132919	09/09/19
AF	Class A to Class 1 with definition Added note for government cosmetics Replaced ARP 9013 with ASQR-20.1 Update NOPQE from 3 days to 24 hours Changed COL-PRO-0028 to UTAS-PRO-0028 in section 'safety, quality, and process key characteristic control'	Code 1	133168	11/15/19

**Quality Purchase Code revisions will be updated in SAP and flowed to the supply base through the Procurement department within three months of the revision date. Flow-down will be accomplished via SAP work ticket to change the Standard PO Text for "Quality Note" in plants 2435, 2436, 2437. Once the SAP Ticked is closed, initiator shall verify proper**

\*CHECK ONLINE REVISION LEVEL PRIOR TO USING\*

**wording using SAP T-CODE "ZMM\_STDTEXT\_DISPLAY" for each plant.**

## **QUALITY PROCUREMENT REQUIREMENTS**

### **Collins Aerospace - Colorado Springs**

**The following Quality requirements are imposed when indicated on a Collins Purchase Order. If the supplier needs clarification, or has any questions regarding these requirements, the supplier should contact the Collins Purchasing Agent prior to acceptance of the contract. Acceptance of the Purchase Order shall indicate that the supplier has read and understood the following Quality requirements indicated on the Purchase Order, and that specified actions are fulfilled and all documents are completed and included with each shipment or as allowed/required, filed and maintained with the supplier.**

#### **Quick Reference Index of Codes:**

Code 1 – Collins Standard Quality Requirements

- Configuration Management
- Supplier's Quality Assurance Requirements
- Supplier Approval
- Inspection, Acceptance and Rejection
- Material Review Board (MRB) / Nonconforming Material Disposition Authority
- Traceability and Identification of Provided Product
- Age Control
- Labeling
- Barcoding of Shipping Containers
- First Article Inspection
- Special Process
- FOD
- Certificate of Conformance
- Test Reports / Process Certifications
- Fraudulent/Counterfeit Parts
- Software Compliance
- Key Characteristic Control
- Order of Precedence
- Record Retention

Code 2 – Reserved – Incorporated into Code 1

Code 3 – Reserved – Incorporated into Code 1

Code 4 – Reserved – Covered in Section 12 of Collins Standard Terms and Conditions of Purchase

Code 5 – Reserved – Incorporated into Code 1

Code 6 – Reserved – Incorporated into Code 1

Code 7 – Reserved – Incorporated into Code 1

Code 8 – Collins U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts

Code 9 – Reserved – Covered in Collins U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts

Code 10 – Reserved – Incorporated into Code 1

Code 11 – Government Inspection

**Collins Aerospace**  
**Quality Purchase Codes**  
**Procedure 1.6.1.8**

**Page 3 of 17**  
**Revision AF**  
**November 15, 2019**

- Code 12 – Government Selective Evaluation
- Code 13 – Priority Rating
- Code 14 – Reserved – Covered in Collins U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts and Incorporated in Code 1
- Code 15 – Reserved – Covered in Collins U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts and Section 9 of Collins Standard Terms and Conditions of Purchase
- Code 16 – Reserved – Covered in Section 28 of Collins Standard Terms and Conditions of Purchase
- Code 17 – Reserved – Incorporated into Code 1
- Code 18 – Reserved – Incorporated into Code 1
- Code 19 – Directed Special Processing Supplier
- Code 20 – Single Lot Control
- Code 21 – Human Space Flight
- Code 22 – FOD Statement
- Code 23 – Flammability and Product Identification
- Code 24 – Collins Source Inspection
- Code 25 – Collins Furnished Material
- Code 26 – Packaging and Handling
- Code 27 – Reserved – Incorporated into Code 1
- Code 28 – Reserved – No longer used.
- Code 29 – Regulatory Certification
- Code 30 – Calibration
- Code 31 – Reserved – Incorporated into Code 1
- Code 32 – Reserved – Covered in Collins U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts
- Code 33 – Higher-Level Contract Quality Requirements
- Code 34 – GRESS (General Requirement for Equipment and System Suppliers)
- Code 35 – Reserved- Incorporated into Code 24
- Code 36 – United Technologies Production Part Approval Process (UPPAP)**

---

**Code 1 – Collins Standard Quality Requirements**

**Configuration, Material, Design Change Management**

Products made for this PO become part of an assembly that has an APPROVAL FOR AN OVERALL DESIGN AND TEST RESULT. Any changes, EVEN IMPROVEMENTS, could result in UNTESTED ASSEMBLIES that prevent the sale or use of the part, component, and possibly aircraft.

The Supplier shall maintain Engineering, Manufacturing, and Quality Controls such that the configuration of items scheduled for delivery under this Purchase Order/ Subcontract conforms to the performance specifications defining the item, and the configuration management requirements set forth in the following tasks.

- The Supplier shall at any time after Purchase Order/ Subcontract award provide Collins with 90 days written notice prior to making any Class 1 change, defined as any change that affects the Form, Fit, or Function to design, quality system or manufacturing location.

- The Supplier shall give written notice describing any proposed change in sufficient detail (including cost and schedule impact analysis) to enable an understanding by Collins of the total impact of the change. Supplemental documentation (exhibits) sketches, drawings, draft service bulletin, etc.) shall be included.
- Collins will endeavor, within 30 days after receipt of such change proposal, to advise Supplier of its consent to, rejection of, or the status of Collins consideration of such change. In no event shall Supplier proceed to incorporate such change into the items ordered on the Collins Purchase Order/Subcontract prior to receipt of written consent by Collins .
- Nonconforming articles and materials returned by Collins and subsequently resubmitted by the supplier shall bear adequate identification of nonconformance, either on the articles, materials, or applicable records. The supplier shall reference the applicable Collins nonconformance document number on all resubmittals.

### **Supplier Approval**

All Collins suppliers are required to be 3<sup>rd</sup> party registered / certified by an RAB approved party, or approved by Collins to the current AS/ISO 9001-9100 specifications.

When noted on the purchase order, other approvals may be required based upon contract, component, or process being purchased by Collins .

Note: The supplier is responsible to provide an updated, revised or discontinued 3<sup>rd</sup> party registrations and certification when issued.

### **Supplier's Quality Assurance Requirements**

Supplier shall perform, or have performed; all inspections (examinations and tests) required substantiating compliance with the technical requirements of the part numbers ordered.

- Visual appearance of parts is paramount. Parts can be rejected for surface defects, dents, scratches or other cosmetic irregularities and shall be inspected at the supplier to ensure compliance per Procedure 1.4.24 which is referenced in Spec 5000 (referenced on drawings) for commercial parts. Government parts shall be in compliance with 1847-084 and F-516.
- Supplier shall maintain a calibration system consistent with ANSI/NCSL Z540 or ISO 10012-1.
- Supplier shall comply with ASQR-20.1 for all sample inspection plans used in lieu of 100% inspection.
  - Note: Sample inspection plans require that 100% of the characteristics on each part are inspected in the sample.
- Supplier shall inspect 100% any characteristics or parts indicated on the drawing, in referenced specifications, or in the PO as safety critical unless a control / inspection plan describing the inspection process has been approved by Collins .
- Supplier shall comply with all requirements of ASQR-01 with any exceptions outlined in this document. ASQR-01 and all related documents may be found at:  
<http://www.utc.com/Suppliers/Pages/Aerospace-Supplier-Quality-Requirement-Documents.aspx>
- Supplier shall comply with all requirements of COL-ASQR-PRO-0003.

**Inspection, Acceptance, and Rejection**

All goods (which throughout this contract includes, without limitation, raw materials, components, intermediate assemblies, end products and, where applicable, services to be performed hereunder) shall be subjected to inspection and test at all times and places, including the period of manufacture by Collins and its customers. Collins, its customers, and appropriate regulatory agencies shall have access to all related product and records and all facilities of the Supplier or of Suppliers subcontractors in which work on this contract is being performed. Supplier and Suppliers subcontractors shall provide all reasonable facilities for the safety and convenience of Inspectors at no additional cost. Supplier shall furnish to Inspectors all information and data as may be reasonably required to perform their inspection. All goods to be delivered hereunder shall be subject to final inspection, test and acceptance by Collins at destination, notwithstanding any payment or inspection at source. Collins shall accept or give notice of rejection of goods delivered hereunder within a reasonable time after receipt of such goods. Failure to give notice of rejection shall constitute acceptance, but acceptance by any manner shall not waiver any warranty obligations of Suppliers.

Any tender of goods which is nonconforming as to the quality or quantity of the delivery schedule shall constitute a breach of this contract and Collins shall have the absolute right to reject such goods, in whole or in part, and notify Supplier thereof. In the event of such a tender, Collins shall be entitled to all remedies as provided by law, and in addition thereto shall have the right to do any or all of the following: (i) to hold such nonconforming goods for a reasonable period at Supplier's risk and expense pending a determination to accept or reject any or all thereof, (ii) to return same to Supplier at Collins' election and at Supplier's risk and expense for replacement or correction, (iii) to accept same subject to an equitable price reduction, (iv) to replace or correct same and charge to supplier the cost occasioned to Collins thereby, (v) to recover by offset or otherwise any and all expenses, costs, price reductions and damages paid, incurred, or suffered by Collins as a result of such holding, return, replacement, correction, reduction, or rejections, of nonconforming goods.

Requests for a Return Authorization number shall be satisfied within 48 hours. If an RMA# is not provided in 48 hours, the buyer will assign the QN# as the RMA # and return the product to the supplier.

**Material Review Board (MRB) / Nonconforming Material Disposition Authority:**

Supplier may disposition nonconforming material as "scrap" or "rework to print" without Collins Approval. Any nonconformance to design or contract that cannot be eliminated and brought back into conformance to Collins design or contract shall be presented to Collins for approval (i.e. "use as is" or "repair") prior to shipment.

If the product is dispositioned as scrap by Collins , but the material is shipped back to the supplier on a miscellaneous shipper for analysis, the supplier shall control the product until physically rendered unusable (i.e. the product is not allowed to be reworked and sent back to Collins as production units).

Scrap dispositions apply only to supplier supplied material. When replacement of product is necessary to fulfill the deliverable quantity on lot controlled items, such replacements shall be from the same material lot, batch or heat lot, as applicable. In the event that the scrap disposition renders the deliverable quantity short, notify Collins buyer immediately.

The supplier shall notify Collins within twenty four (24) hours of any nonconformity affecting product already delivered using ASQR-01 Form 6. Notification shall include a clear description of the discrepancy; parts affected (Serial Number, lot number or manufacturing date, as applicable), quantity, and delivery date(s). Supplier shall support Collins with additional data, and parts if necessary per contract, to resolve customer concerns.

**Traceability and Identification of Provided Product:**

The supplier shall retain evidence to document that items furnished under this contract conform to contract requirements. Evidence will generally include information tracing the items back to the manufacturing source or its authorized distributor. At a minimum, evidence shall be sufficient to establish the identity of the item, its manufacturing source, and conformance to the item description.

Examples of traceability documentation include, but are not limited to, the following:

- Purchase order(s)/invoice(s) between manufacturer(s)/distributor(s), identifying part number (and/or technical data package (TDP) with revision level), specific partially completed part requirements (e.g., a manufactured part less heat treating, less chemical processing, less paint, etc.), and quantities;
- Original Equipment Manufacturer (OEM) or approved/qualified source's packing slips, identifying part number (and/or TDP with revision level) and quantities;
- OEM or approved/qualified source's certification, identifying part number, revision level, and quantities;
- Acceptance test reports (see below) and inspection acceptance documentation and results.
- Special Process certifications and documentation validating product was processed per requirements (i.e. 3<sup>rd</sup> party certifications, internal processing documentation), specific partially completed part requirements (e.g., a manufactured part less heat treating, less chemical processing, less paint, etc.).
- When Government specifications or seller controlled processing is required, the Certificate of Conformance supplied with each shipment of product to Collins shall indicate conformance to, and the revision level of, the specified document. The certificate shall also indicate that either the actual chemical/physical and/or mechanical test data is on file and available for Collins and/or Collins Customer's review. Sellers subcontractor shall certify that raw materials conform to the applicable specification(s) and that test reports are on file and available for review.

All parts and/or packages must be identified per the design documentation. When not specified in the design, identify with the applicable part number, part revision, manufactured date, and other information necessary to provide traceability to manufacturing processes and raw material.

The supplier shall provide documentation of traceability for review upon request by Collins.

**Age Control**

Materials or articles having definite age degradation characteristics (shelf life) shall be identified with manufacturing date, and/or cure date, shelf life, expiration date, storage condition requirements and any other data pertinent to the supplied materials or articles.

Identification

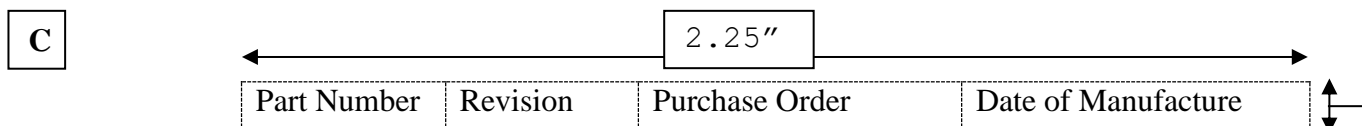
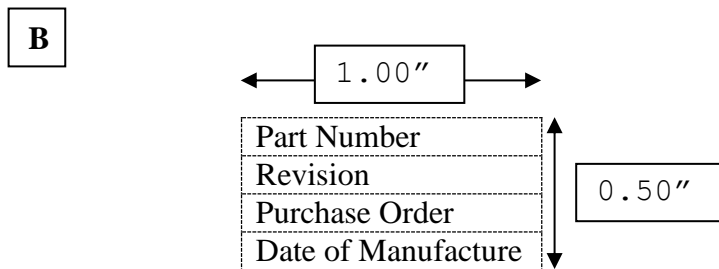
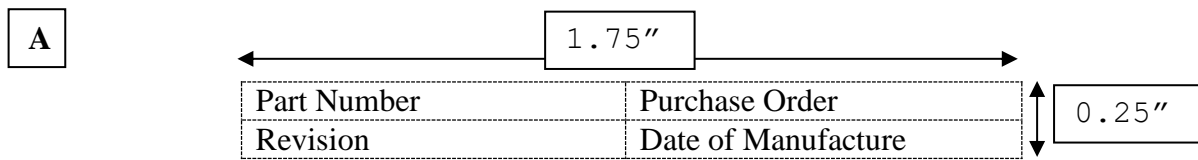
Identification Requirements

Information:

*Unless otherwise defined on the print, individual parts must be identified at minimum with the following information:*

- Part number
- Revision
- PO number
- Manufacture date

Parts shall be individually identified by applying the described information directly upon the part per the illustrations shared below. Font type shall be either Times New Roman, Arial, Calibri, Helvetica or equivalent (human readable), and be at least font size 8. Reference the shown applicable applications for part marking for sizes and orientations of individual parts (illustrations may not be to scale). As each part is different, supplier should employ the most appropriate option to maintain legibility and information requirements.



0.125"

**Marking Method:**

All identification methods need to be permanent and legible; reflect sufficient color contrast (i.e. black ink on grey part, white ink on black part, etc.), and may include:

- Ink Stamp
- Laser scribe

**Location:**

Identification should be applied to a non-cosmetic surface that meets the minimum size described in the illustrations A,B and C above. If the supplier has the capability to permanently mark directly on smaller parts this part marking method is preferred.

**Packaging Exception:**

For parts that do not meet the minimum sizes reflected in the illustrations A,B and C above, supplier is to include paper labels per description below.

**Small Parts or Parts with Cosmetic Finish concerns:**

Whenever cosmetic finish is affected or parts are too small; items may be packaged with identification labels inside and attached to the individual package(s) with the above information.

Each shipment shall be broken up into several packaged quantities based on part quantity. When determining package size quantities, supplier is to take into consideration part and part surface protection and apply approaches that assures compliance to stated specifications. Each package of small parts is to be provided with identification labels based on the table below:

<b>Parts Quantity</b>	<b>Packaging</b>	<b>Quantity of Labels <i>Inside Each Package</i></b>
1-10	Single package with an identification label on the package.	1 label per part
10-30	Single package with an identification label on the package.	10
30-50	Packaged in quantities of 25 with an identification label on <i>each</i> package.	10
51-100	Packaged in quantities of 25 with an identification label on <i>each</i> package.	10
101-250	Packaged in quantities of 25 or 50 with an identification label on <i>each</i> package.	20
251-500	Packaged in quantities of 50 or 100 with an identification label on <i>each</i> package.	30
501-1000	Packaged in quantities of 100 with an	50

\*CHECK ONLINE REVISION LEVEL PRIOR TO USING\*



	identification label on <i>each</i> package.	
--	--	--

String tag is allowed only for assemblies not for individual parts. *No adhesive labels on any parts.*

The packaging requirement does not apply to suppliers who directly stock production areas (i.e. hardware)

**Barcoding of Shipping Containers**

All shipping containers will be barcoded using Code 39 with ATA Spec2000 text element identifiers. The following example illustrates items that must be on all barcode labels.

From: Supplier ABC 123 Main Street Anytown, OH 44123	To: Goodrich Landing Gear 7901 Burke Avenue Cleveland, OH 44105
DMF Date of Mfg: MM/DD/YY  012345	
CPO PO # + PO Line #: 1234567 + 10,1 012345	
PNR Material No.: 12345  012345	PSN Packing Slip No.: 123456  012345
SHQ Shipment Qty: 123456  012345	LBL No. of Containers: 1  012345
CNT Country of Origin: US  012345	CSA Customer Account:  012345

Barcodes are to be created for each line item in a Purchase Order and placed on the container and one copy of each inside the container.

**First Article Inspection**

First article inspection (FAI) shall be completed and maintained by the supplier per AS 9102 and the additional requirements of ASQR-01.

(Note: FAI shall not be performed on development processes and 100% inspection shall be used with data available to Collins if requested).

**Special Process**

Special processes performed by members of the supply chain and outlined as requiring NADCAP or ILAC approval in ASQR-01, with the exception of Laser Beam Machining, shall be NADCAP approved.

Nonconventional machining shall only be used on parts approved per Procedure 1.4.42 Thermal Cutting/Machining Evaluation.

**F.O.D.**

The Supplier shall develop and maintain a Foreign Object Debris/Damage (“FOD”) prevention program in accordance with National Aerospace Standard NAS-412, NAS-412 Foreign Object Damage/Foreign Object Debris (FOD) Prevention including the processes and controls at manufacturing areas to prevent introduction of foreign objects into any item delivered under this Purchase Order.

Whenever or wherever FOD entrapment or foreign objects can migrate, supplier shall ensure that a FOD prevention program is flowed to sub-contractors at every tier.

Prior to closing inaccessible or obscured area and compartments during assembly, supplier shall inspect for foreign objects/materials and ensure no FOD barriers remain embedded (eg. protective plugs). Supplier shall ensure tools, jigs, fixtures and test or handling equipment are maintained in a state of cleanliness and repair to prevent FOD.

**Certificate of Conformance**

A Certificate of Conformance, signed by the Supplier’s authorized representative, shall accompany all materials shipped against this order. As a minimum, the certificate shall include the following:

- The Collins Purchase Order number.
- Part number.
- Revision level
- Quantity
- Serial number, when applicable.
- Shelf Life, when applicable.
- Lot number, when applicable.
- Unit of Measure
- List of processing specifications and revision levels, when applicable (Process CoC – See test reports for more detail)
- A statement that certifies compliance to the drawing / specification.
- The applicable chemical / physical and/or mechanical test data is on file and available for Collins and/or Collins’ customer review.
- Signature, date and title of the seller’s responsible representative.

Special statements may also be required when applicable to this contract:

- Certificate of Conformance to applicable specifications when FAR 25.853 a) is required per the design. Report results per Specification 6030 and procedures: 1.10.36 for leathers or 1.10.37 for all other non-metallics.
- A Certificate of Conformance stating “We certify that material furnished by Collins was used to fabricate

these parts” is required when Collins provides materials.

- When the purchase order or design specifies the material is for the FASS program, the C of C shall include the purchase order number, and must include the statement “Material supplied supports FASS II program”. All supplier records in support of FASS II must be retained, pending disposition instructions by an authorized representative of Collins AIP.

### **Test Reports/ Process Certifications**

Test reports shall be maintained per record requirements and provided to Collins as followed when required by drawing, specification, or contract. Unless otherwise noted on the PO or design, latest revision of industry standards shall be required,

- Chemical and/or Physical Test Reports - Each shipment must be accompanied by one (1) legible and reproducible copy of all chemical and physical test reports identifiable to the materials submitted. These reports must contain the signature and title of the authorized representative of the agency performing the test, the test procedure used (including current revision level) and must assure conformance to specified requirements.
- Process Certifications - Each shipment must include one (1) legible and reproducible copy of a certificate showing each process used, such as heat treating, welding, magnetic particle inspection, surface preparation and treatment, etc. The certificate(s) shall include the specification number and revision and the signature and title of an authorized representative of the seller. When parts are serialized, serial numbers must appear on the certification.
- Nondestructive Test Reports - All shipments requiring nondestructive test shall be accompanied by one (1) legible and reproducible copy of actual nondestructive test results identifiable with acceptance requirements and material submitted. 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. When parts are serialized, serial numbers must appear on the certification.
- Certification of x-ray - All parts requiring radiographic certification will be submitted to a Collins approved x-ray laboratory and processed in accordance with applicable Collins and Government specifications and standards. The x-ray film and one (1) legible and reproducible copy of the report must accompany the material. When parts are serialized, serial numbers must appear on the certification and x-ray film.
- Raw Material Analysis- Raw Material orders require chemical and physical analysis for all raw materials used in the manufacturing of this product. Acceptance of raw material(s) utilizing "Typical Analysis Report" will only be accepted if the report specifies the lot, batch, heat, mill, and name of the producer.
- Synthetic Rubber Components and Raw Material - Each package of synthetic rubber components shall be marked with date of cure, part number, quantity, compound number, and manufacturer's identification (if different from part number). Date of cure on O-rings shipped to Collins shall not be older than is permissible under Bulletin SAE-ARP5316. Synthetic rubber raw materials shall be identified with date of cure, compound, and manufacturer's name.
- Hazardous Material. Certification and appropriate data sheets defining chemical composition, safety and health hazards, first-aid measures and storage requirements for materials supplied with this order

shall be forwarded to the buyer at a minimum of three (3) days prior to delivery and accompany shipment.

**Fraudulent/Counterfeit Parts**

Seller shall establish and maintain a counterfeit parts prevention and control plan using industry standard AS5553 as a guideline.

If suspect/counterfeit parts are furnished under this agreement and are found by Collins or its customers, such parts shall be impounded. The seller shall promptly replace such items with items acceptable to Collins and the seller shall be liable for all costs relating to impoundment, removal and replacement. Collins may turn such items over to the U.S. Office of Inspector general, F.B.I., etc. for investigation and reserves the right to withhold payment for the suspect items pending the results of the investigation.

- For purposes of this clause, Work consists of those parts delivered under this contract that are the lowest level of separately identifiable items (e.g. articles, components, goods 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.
- Seller agrees and shall ensure that Counterfeit work is not delivered to Collins
- Seller shall only purchase products to be delivered to and incorporated as Work to Collins directly from the Original component Manufacturer (OCM)/Original Equipment Manufacturer or through an OCM/OEM authorized distributor chain. Work shall not be acquired from independent distributors or brokers unless approved in advance in writing by Collins.
- Seller shall immediately notify Collins with the pertinent facts if Seller becomes aware or suspects that it has furnished Counterfeit Work. When requested by Collins, Seller shall provide OCM/OEM documentation that authenticates traceability of affected items to the applicable OCM/OEM.
- In the event that Work delivered under this purchase order constitutes or includes Counterfeit Work, Seller shall, at its expense, promptly replace such Counterfeit Work with Genuine Work conforming to the requirements of this purchase order. Notwithstanding any other provision in the Purchase Order, Seller shall be liable for all costs relating to the removal and replacement of Counterfeit Work, including without limitation Collins costs of removing Counterfeit Work, of reinserting replacement work and of any testing necessitated by the reinstallation of Work after Counterfeit Work has been exchanged. The remedies in this paragraph are in addition to any remedies Collins may have at law, equity or under other provisions of this purchase order.
- This clause applies in addition to any quality provision, specification, statement of work or other provision included in this contract addressing the authenticity of Work. To the extent such provisions conflict with this clause, this clause prevails.
- Seller is required to utilize the Government Industry Data Exchange Program (“GIDEP”) to alert the industry of encountered Counterfeit parts. If the Seller is eligible for membership, Seller is required to be a member of GIDEP.

**Software Compliance**

- All deliverable software for this contract must comply with AS9115-Requirements for Aviation, Space and Defense Organizations-Deliverable Software.
- All non-deliverable software used for this contract must comply with ARP9005-Aerospace Guidance for Non-Deliverable Software.

**Safety, Quality, and Process Key Characteristic Control**

When the Engineering print, referenced or included specifications, special instructions, or purchase order contains Key Characteristic indication or symbols (KPC1 KPC2★CTQP CTSC CTQC), SAFETY PARTS), compliance to UTAS- PRO-0028 is required. The supplier shall develop a control plan to document the compliance methods and obtain Collins approval initially and prior to making changes. Any out of control condition shall be considered as nonconforming and reviewed for acceptance by Collins prior to use regardless of a pass or fail to the print

Refer to UTAS-PRO-0028 for a full explanation symbols.

**ORDER OF PRECEDENCE.**

Order of precedence shall be per the applicable Manufacturing and Acceptance Standards (i.e. Collins Specification 5000 or 1847-084).

**Record Retention**

Unless otherwise specified, supplier and/or supplier's subcontractor will retain all inspection records, actual chemical/physical, process certification and/or mechanical test data, as applicable, for a minimum of 10 years after the final payment under the contract. Supplier shall not destroy the records without first providing Collins the opportunity to retain the records and obtaining Collins written permission for destruction.

**Code 2 – Reserved – Incorporated into Code 1**

**Code 3 - Reserved – Incorporated into Code 1**

**Code 4 – Reserved – Covered in Section 12 of UTC Standard Terms and Conditions of Purchase**

**Code 5 – Reserved – Incorporated into Code 1**

**Code 6 – Reserved – Incorporated into Code 1**

**Code 7 – Reserved – Incorporated into Code 1**

**Code 8 – UTC U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts**

**Code 9 – Reserved – Covered in UTC U.S. Government Provisions & Clauses For Orders Under U.S.**

**Government Contracts**

**Code 10 – Reserved – Incorporated into Code 1**

**Code 11 – Government Inspection**

Supplier must provide evidence of Government Oversight.

- The supplier shall contact the local Defense Contract Management Agency (DCMA) Quality Assurance Representative (QAR) who services their facility to obtain the product source and/or process inspection plan.
- A stamp and/or signature by the Government representative must be provided on the appropriate product documentation. If a signature is used, it must visibly indicate DCMA by a method such as a DCMA signature line or hand written DCMA with the signature.

**Code 12 – Government Selective Evaluation**

During performance of this Government contract, Supplier's quality control or inspection system and manufacturing processes are subject to review, verification and analysis by authorized Government representatives. Government inspection or release of product to shipment IS NOT required unless otherwise noted. Parts to be inspected by DCMA upon arrival at Collins receiving inspection. – **FAR 44.305-2, 52.245-1 (B)(1), DFAR 244.305-70**

**Code 13 – Priority Rating**

Seller is required to follow the provisions of Code of Federal Regulations (CFAR) Title 15, Part 700 and of all applicable regulations and orders of the U.S. Department of Commerce in obtaining controlled materials and other products needed to fill this order. Any priority rated order or contract under the CFAR priority regulations obligates the supplier to extend the priority rating on every order issued in fulfilling their delivery requirement(s).

Receipt of this order on the P.O. promised or reschedule date is critical, if this order will not be received on the promised date the Supplier must contact the Collins buyer immediately. **FAR 52.211-15**

**Code 14 –Reserved – Covered in UTC U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts and Incorporated in Code 1**

**Code 15 – Reserved – Covered in UTC U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts and Section 9 of UTC Standard Terms and Conditions of Purchase**

**Code 16 – Reserved – Covered in Section 28 of UTC Standard Terms and Conditions of Purchase**

**Code 17 – Reserved – Incorporated into Code 1**

**Code 18 – Reserved – Incorporated into Code 1**

**Code 19 - Directed Special Processing Supplier**

The special processing for this order shall be performed by sources specifically approved by the Prime contractor and/or Collins. If a processor is not specified on Purchase Order, notify the Collins buyer for a listing of approved processors.

**Code 20 – Single Lot Control**

Parts and materials furnished for this order shall be manufactured under single lot control. A single lot requires the parts/materials to be processed with the same design, methods, construction and materials, in an essentially continuous and unchanged process. Seller shall certify that the raw material(s) used for this order is from one single lot, batch, heat and mill. The seller shall keep raw material lots segregated and identified.

**Code 21 – Human Space Flight**

Items on this order are for manned space flight application. Materials, manufacturing and workmanship of the highest quality standards are essential to astronaut safety. If you are able to supply the desired item with a higher quality than that of the items specified or proposed, you are requested to bring this fact to the immediate attention of the Collins Purchasing Agent.

**Code 22 - FOD Statement**

The Supplier shall include a signed and stamped statement with the product indicating that the product is free of any Foreign Object or Debris.

**Code 23 – Flammability and Product Identification**

All parts provided on this order must comply with FAR 25.853 (flammability) require a label that at a minimum shall include the following:

- P.O.
- Part Number and Revision
- FAR 25.853(a)
- Type A Part (when applicable)

**Code 24 – Collins Source Inspection**

- A) Collins' Source Inspection required prior to shipment of products from Supplier's facility. Supplier shall notify Collins Purchasing Dept. seven (7) days in advance of date parts will be ready for inspection.
- B) Verify Inc. source inspection required prior to shipment of products from Supplier's facility. Supplier will need to launch a request at least 24 hours prior to the need date and before 5:00 pm (PST). It is important to comply with the 24 hour requirement to ensure inspections are completed in time to meet supplier shipment needs. Log into <http://www.vscnet.com/Suppliers> to submit a source inspection scheduling request.

**Code 25 – Collins Furnished Material**

Supplier shall assure that all Collins furnished raw materials and/or partially processed components, subassemblies, etc., are free of shipping damage prior to processing this order. In the event that materials furnished by Collins are damaged, notify the Collins Purchasing Agent immediately. Supplier is not responsible for Collins controlled parameters, but assumes responsibility of protecting Collins' investment in raw materials and/or partially processed components, subassemblies, etc. The Supplier assumes responsibility of total value of material, components, subassemblies, etc., when scrapped as a result of processing subject articles.

**Code 26 - Packaging and Handling**

- A) Materials shall be packaged in a manner and with materials necessary to prevent deterioration, corrosion or damage during transit, and when applicable, during storage.
- B) DOD FAR Supplements 252.223-7001, 252.223-7002 and 252.223-7003 are invoked on this order. The seller shall be responsible for packaging, identification and transportation compliant to Federal, State and local regulations.

**Code 27 – Reserved – Incorporated into Code 1**

**Code 28 – Delegated Source Suppliers Reserved – No longer used.**

**Code 29 – Regulatory Certification**

The supplier is required to submit an 8130-3 or JAA Form One Certification.

**Code 30 – Calibration**

- A) Calibrate and Certify to N.I.S.T. and indicate the specific standards and procedures used during the calibration process. Identify before condition (as received) and post calibration condition readings. Identify any out of tolerance condition.
- B) Instrument calibration shall be accomplished over a minimum of three output/input levels, encompassing the usable range of the instrument. Ranges are identified to the supplier on the purchase order by Collins AIP. Contact Collins if ranges are not provided.
- C) Certification shall include additional statements that the calibration conforms to other controlling/governing specifications beyond the N.I.S.T or requirements when they are identified on the Collins purchase order.

**Code 31 – Reserved – Incorporated into Code 1**

**Code 32 –Reserved – Covered in UTC U.S. Government Provisions & Clauses For Orders Under U.S. Government Contracts**

**Code 33 – Higher-Level Contract Quality Requirements**



This order is subject to the requirements of FAR 52.246-11 – Higher-Level Contract Quality requirements found at: <http://farsite.hill.af.mil/vffara.htm>

**Code 34 – GRESS (General Requirement for Equipment and System Suppliers)**

- A) AP1013.0 Section 0.5 GRESS Commitment applies.
- B) AP1013.1 Section 1.3 Supplier’s Key Contributing Parties Monitoring and Control applies.
- C) AP1013.4 Section 4.5 Purchasing Control applies.

Note: each of these requirements as originally flowed down by Airbus are each inclusive in their individual entirety (i.e. all of section and subsections of 0.5 are applicable).

**Code 35 – Reserved- Incorporated into Code 24**

**Code 36 – United Technologies Production Part Approval Process (UPPAP)**

This order is subject to the requirements of UPPAP per ASQR 09.2. Contact your Collins representative for more information and requirements.