Kearfott Corporation
a subsidiary of Astronautics Corporation of America

Motion Systems Division
2858 US Highway 70 West
Black Mountain, NC 28711 USA
main (828) 350-5300 • **fax** (828) 686-5764
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QC Number	Description	QC Text
QC0001	FAI Revision	(QC0001) - First Article Inspection Required - Revision Change - 10/01/2018 - FAI REQUIRED per AS9102, the Engineering Revision for the part on this purchase order is different from the previous purchase order. The FAI Report, completed in accordance with AS9102, shall be submitted with the first shipment of the part. A FAI may also be required for other criteria listed in QC104. NOTE 1: The AS9102 FAI requirement does not apply to Commercial Off The Shelf (COTS) components. NOTE 2: If it is believed that this FAI REQUIREMENT was added in error, please notify the Buyer.
QC0002	FAI New Supplier	(QC0002) - First Article Inspection Required - New Supplier - 10/01/2018 - FAI REQUIRED per AS9102, new supplier for this part. The FAI Report, completed in accordance with AS9102, shall be submitted with the first shipment of the part. A FAI may also be required for other criteria listed in QC104. NOTE 1: The AS9102 FAI requirement does not apply to Commercial Off The Shelf (COTS) components. NOTE 2: If it is believed that this FAI REQUIREMENT was added in error, please notify the Buyer.
QC0003	FAI 2yr Lapse	(QC0003) - First Article Inspection Required - 2 Year Lapse - 06/25/2018 - FAI REQUIRED per AS9102, previous purchase order to the supplier for the part was over two years ago. The FAI Report, completed in accordance with AS9102, shall be submitted with the first shipment of the part. A FAI may also be required for other criteria listed in QC104. NOTE 1: The AS9102 FAI requirement does not apply to Commercial Off The Shelf (COTS) components. NOTE 2: If the supplier has continued to build this part without a 2 year lapse or if it is believed that this FAI REQUIREMENT was added in error, please notify the Buyer.
QC001	Certificate of Compliance	(QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required.
QC002	Static Sensitive	(QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase.
QC003	Lot Traceability Control	(QC003) (Text updated 2/17/2011) Supplier shall ensure that each individual delivery shall contain only one (1) manufacturer date/lot code. This date/lot code, or serial number, shall be noted on the packing slip and/or certificate of compliance (C of C). If there isn't one date/lot code then the individual date/lot codes must be listed separately. The Manufacturer shall be noted on the Packing slip and/or Certificate of Compliance.
QC004	Solderability	(QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase.
QC005	Combined 01,02,04,08	(QC005): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled

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		and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC005K	PO/Line item Traceability	(QC005K) (Text 6/29/2012) - In order to maintain FULL traceability; the Supplier shall ensure that multiple Purchase Orders/Line items are kept separate at all times. Return product packaging and documentation (C of C, Packing List, etc...) shall be clearly marked to facilitate ease of traceability of each Purchase Order/Line item shipped to Kearfott Corporation.
QC006	Combined 01,02,04,08,11	(QC006): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC007	Combined 01,02,08,11	(QC007): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC008	Moisture Sensitive	(QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC009	Moisture Sensitive	(QC009) - Moisture Sensitive (J-STD-020 / J-STD-033) - 07/29/2011 - Handling procedures for the protection of electronic components that are sensitive to moisture (for example, plastic encapsulated items) shall be in accordance with J-STD-020 and J-STD-033.
QC010	Combined 01,02,04,08,11	(QC010): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and

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QC Number	Description	QC Text
		certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC011	Conflicts - Part Number	(QC011) In the event of inconsistency between the suppliers referenced part number and the requirements defined on the Astronautics Corporation of America part number drawing being ordered, the latter shall prevail.
QC012	Conflicts - Purchase Order	(QC012) In the event of any inconsistency or conflict between or among the previsions of this Purchase Order, please contact Astronautics Corporation of America Buyer for resolution.
QC013	FOD REQUIREMENT	(QC013) - FOD Requirement - 07/10/2024 - The supplier shall implement the control of FOD in accordance with AS9146 document for Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space, and Defense.
QC014	First Article Inspection Report	(QC014) Supplier to submit a full written inspection report on at least one clearly identified piece which is typical of the lot submitted.
QC015	First Article - Inspection	(QC015) - AS9102 Aerospace First Article Inspection (FAI) - 07/29/2011- The Supplier shall perform an FAI in accordance with the AS9102 Aerospace First Article Inspection requirements. A First Article Inspection Report (FAIR), or Buyer approved equivalent, shall accompany the first lot of material shipped against the Purchase Order to Buyer. This report shall demonstrate compliance with the requirements specified on the Purchase Order and reference documents, verifying all drawing characteristics and performance requirements.
QC016	First Article - Slug sample	(QC016) - First Article - Slug Sample - (Updated 6/10/2011) - Supplier shall provide a sample representative of the raw material for each heat-lot from which the part was manufactured for the first shipment of each part number. The sample shall be packaged and included with shipment along with a Certificate of Analysis (C of A). The sample shall be a minimum of 0.250 ± 0.125 inch in length.
QC017	First Article - two ring sample	(QC017) - First Article - Two Ring Sample - 07/29/2011- Two ring samples to verify magnetic properties shall be prepared from bar stock, labeled and submitted to Buyer prior to machining parts. Heat-lot information shall accompany the samples. Outer diameter of the ring sample shall be 85% +0.000/-0.005 inch of the original bar diameter. Inner diameter of the ring sample shall be 82% +0.005/-0.000 inch of outer diameter of the ring sample. Length shall be 0.250 ± 0.005 inch. However, if the calculated inner diameter of the ring sample is less than 0.600 inch, then the length of the ring sample shall be 0.500 ± 0.005 inch. Additional ring samples are not required if the raw material is from a previously approved heat-lot number.

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QC Number	Description	QC Text
QC017K	First Article - 4 ring sample	(QC017K) - 06/10/2011 - The following special requirements apply: 1. Four (4) ring samples from a given heat-lot is required for each barstock used: A. Vendor to supply two (2) ring samples to Kearfott for material/heat treat verification before machining actual parts. B.Vendor to supply two (2) remaining ring samples with actual parts for heat treat verification. 2. The ring samples are to be machined as follows: A. The ring OD is to be 85% +.000/-.005 of bar diameter of the original bar diameter B. The ring ID is to be 82% +.005/-.000 of the machined diameter. C. The ring width is to be .250 +/- .005 unless the ring ID is less than 0.600, then the width is to be .500 +/- .005. D. PO number is to be engraved on each ring sample.
QC018	First Article - Casting	(QC018) Casting First Article Inspection Reports shall be conducted on the following frequencies at a minimum: once every 5000 pieces produced for investment castings, once every 1000 pieces produced for metal/sand or P-mold castings, once every 800 pieces produced for plastic/sand castings, or once every 350 pieces produced for wood/sand castings since date of last FAIR.
QC019	First Article PWB	(QC019) First Article inspection of two units and the related data is required. Supplier must clearly identify first article units and provide final inspection reports for the balance of the lot submitted. Failure of First Article Inspection will result in rejection of the entire lot.
QC020	First Article	(QC020) First Article inspection of two units and the related data is required. Supplier shall not proceed with completion of this purchase order prior to receiving approval. Any work done on production items prior to the approval of the first article is done at Supplier's own risk.
QC021	Preferred Supplier	(QC021) Preferred Supplier - Created 7/18/22 - Preferred Supplier shall provide pertinent inspection data with shipment documentation in order to retain preferred status.-
QC022	First Article - Lot	(QC022) The supplier shall complete a First Article Inspection (FAI) to all drawing requirements (dimensions and notes). The FAI data shall accompany the first lot of material shipped against this order.
QC023A	First Article - Inspection	(QC023A) - AS9102 Aerospace First Article Inspection (FAI) - 10/10/2012- The Supplier shall perform an FAI in accordance with the AS9102 Aerospace First Article Inspection requirements. A First Article Inspection Report (FAIR), or Buyer approved equivalent, shall accompany the first lot of material shipped against the Purchase Order to Buyer. This report shall demonstrate compliance with the requirements specified on the Purchase Order and reference documents, verifying all drawing characteristics and performance requirements.
QC023K	ESDPA	(QC023K) (Text 6/29/2012) -The product on this Purchase Order has been identified for use "inside" an Electro Static Discharge Protected Area (ESDPA). Individual product packaging shall conform to ANSI/EST S541 and be made of Low Charging (Antistatic) material.
QC024	work orders/travelers/routings	(QC024) Work orders / Travelers / Routings must be sent with every piece shipped to ACA/KC

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QC Number	Description	QC Text
		on this Purchase Order.
QC025	Upgrades	(QC025) The use of substitutions or upgrades to fill this order without Astronautics written consent will be reason for rejection.
QC026	Electrodeposited Tin lead plat'g	(QC026) - Electrodeposited Tin Lead Plating - 07/29/2011 - Tin lead plating shall meet the requirements of SAE-AMS-P-81728 and have a minimum thickness of 0.0003 inches.
QC027	Clear Anodizing	(QC027) Clear Anodic coating per MIL-A-8625 type II, Class I.
QC028	Black Oxide class III	(QC028) Black Oxide per MIL-C-13924 type III.
QC029	Passivate	(QC029) Passivate per SAE AMS 2700, MIL-S-5002.
QC030	Teflon Hard Coat	(QC030) Teflon hard coat anodic per MIL-A-6357A type I.
QC031	Copper Plating	(QC031) Copper Plate Per MIL-C-14550, Class 2 (.0005 thick minimum), suitable for soldering per J-STD-002.
QC032	Silver Plating	(QC032) Silver Plate Per QQ-S-365 (.0005 minimum thick) type II, grade B, suitable for soldering per QQ-S-571 SN 60.
QC033	Black Anodiz'g (type II,class 2)	(QC033) Black anodic coating per MIL-A-8625 type II, class 2.
QC034	Blk Anodiz'g (type III, class 2)	(QC034) Black anodic coating per MIL-A-8625 type III, class 2,_____thick.
QC035	Blk Anodiz'g (type III, class 1)	(QC035) Black anodic coating per MIL-A-8625 type III, class 1,_____thick.
QC036	Chem Film	(QC036) Chem film per MIL-C-5541, class 1A.
QC037	Zinc Plating	(QC037) Zinc plate per QQ-Z-325 type II, class 2.
QC038	Cadmium Plating	(QC038) Cadmium plate per QQ-P-416 type II, class 2.
QC039	Nickel Plating	(QC039) Nickel plate per SAE AMS2423D and SAE AMS2403L class 1, type II.
QC040	Solderability	(QC040) Parts must meet the solderability requirements and testing of Mil-STD-202 Method 208. Current revision at time of Purchase.
QC041	Lead Finish	(QC041) Lead finish: Non ROHS (SnPb) perferred Alternate Lead Finish: Non ROHS: Matte-Tin Finish Material with a Nickel (Ni) under plating is acceptable per drawing.
QC042	FAA 8130	(QC042) FAA Form 8130 Required
QC049A	Individual Package	(QC049A) Parts must be packaged individually to avoid damage.
QC050	Inspection Copy (all orders)	(QC050) Supplier shall send a copy of the "Final Inspection Report" to Astronautics.
QC052	Fabrication Requirements	(QC052) Printed wire board shall meet the visual/dimensional marking & workmanship requirements of MIL-PRF-55110, current revision at time of purchase, including requirements for positive etch back. The qualification requirement of MIL-PRF-55110 shall not apply. Continuity testing is required.
QC053	Packaging	(QC053) Packaging shall be in accordance with Astronautics Spec ES2702.
QC054	Fabrication Requirements	(QC054) Printed wiring boards to conform to MIL-P-55110, current revision at time of purchase. Continuity testing is required.
QC055	Testing - 55110F	(QC055) Printed wiring boards to conform to and to be 100% electrically tested in accordance with MIL-P55110F.
QC056A	PWB Test protocol	(QC056A) (9/7/2012) Test Protocol: Microsection to verify Conformance to Applicable PWB or PWF specification per ACA drawing Reporting: Report Pass/Fail on conformance of lot. Report Pass/Fail or variable data for all parameters evaluated.
QC057A	20693 updated to D6779	(QC057A) Drawing references material spec MIL-P-20693 which has been superseded and the

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QC Number	Description	QC Text
		current material spec is # ASTM-D6779.
QC058	Nondestructive Test Reports	(QC058) 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.
QC059	Inspection and Test Reports	(QC059) Each shipment must be accompanied by a legible and reproducible copy of reports of actual results identifiable with 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.
QC060	Civil Aviation - Duty Free	(QC060) This is to certify that items covered by this purchase order are being imported into the U.S. for ultimate installation on civil aircraft and are therefore eligible for duty free entry.
QC062	Inspection Copy -	(QC062) Supplier shall send a copy of the "FINAL INSPECTION REPORT" to Astronautics.
QC063	Workmanship (for ass cca's)	(QC063) (2/27/2013) - Electronic assemblies shall meet the workmanship requirements of J-Std 001 Class 3. Current revision at the time of purchase.
QC067	No Change Clause (NCC)	(QC067) - Design - No Change - 07/29/2011 - Neither Supplier nor its sub-tier suppliers shall make any change in design, materials, manufacturing, assembly processes or source of supply without the prior, written approval of Buyer.
QC068K	No Change Clause (NCC)	(QC068K) - Updated 02/19/2019 - Note: Supplier and sub-tiers shall make no change in manufacturing and assembly process or source of supply that would affect form, fit, function, safety, weight, maintainability, service-life, reliability, replaceability, or interchangeability of parts, including contract and/or specification deviations, without the prior written approval from Kearfott Corporation.
QC073K	C of C - (suppliers format) -	(QC073K) - Certificate of Compliance (C of C) - 03/07/2012 - The Supplier shall submit a C of C, in the Supplier's own format, to certify that the materials and processes for the Purchase Order meet all of the drawing/specification requirements. The C of C shall include the following: 1) Name and address of the Supplier. 2) Buyer's Purchase Order number. 3) Buyer's part number and revision level as specified on the Purchase Order. 4) Certification signature by the responsible Quality or Supplier Representative, the Representative's title and the date signed (electronic signature acceptable).
QC074A	Test Data	(QC074A) - Test Data - Material on the Purchase Order shall be accompanied by test data, related drawings and documents as defined on the Purchase Order. The test data sheet heading shall include, but is not limited to, the following: Buyer's Purchase Order number; Buyer's assigned part number and Supplier's part number; drawing revision status; test identification (name); inspection level and AQL; date code(s); quantity tested and quantity accepted for each test.
QC075A	COUNTERFEIT MATERIAL	(QC075A) - (6/6/2016) - "In accordance with the Terms and Conditions T&CSH 05/15, Paragraph 29. (d) COUNTERFEIT MATERIAL, Astronautics hereby requires that Supplier shall ensure parts undergo and pass External Visual, X-Ray and Decapsulation testing, similar to what is called out in SAE AS5553. If available, Thermal Cycling and

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		Electrical Testing to the OEM/OCM specifications shall also be undertaken and passed. All of the above tests shall be completed and documented by an outsourced or in-house laboratory test facility. The supporting test documentation for the above tests shall be provided to Astronautics with each shipment."
QC076A	Counterfeit	(QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101.
QC077	Counterfeit	(QC077) Test data required to validate against counterfeit parts required when manufacturer traceability and CoC's are not provided.
QC078K	SAE AS5553	(QC078K) 9/19/2011 - The supplier shall submit to Kearfott for approval any deviation (use of parts procured from unauthorized or non-franchised distributors), along with data demonstrating proper Counterfeit Parts Mitigation in accordance with SAE AS5553, prior to use.
QC079A	Original Manufacturer	(QC079A) 9/19/2011 - The supplier shall provide electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors. If supplying assemblies, the assemblies shall contain electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors.
QC079K	Original Manufacturer	(QC079K) 9/19/2011 - The supplier shall provide electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors. If supplying assemblies, the assemblies shall contain electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors.
QC080K	C of C ORG MFG Commercial parts	(QC080K) 9/19/2011 - Certificate of Conformance documentation from the Original Manufacturer (if available) shall be delivered with each lot/shipment.
QC081K	C of C ORG MFG Mil spec	(QC081K) 9/19/2011 - Certificate of Conformance documentation from the Original Manufacturer shall be delivered with each lot/shipment.
QC082	C of C - Cure date	(QC082) The C of C or other supplied documentation shall identify the lot/batch number and the cure date.
QC083	C of C - mfg	(QC083) A copy of the manufacturer's Certificate of Compliance shall be included with the shipment.
QC084	C of C	(QC084) The C of C (or other referenced document) shall list all applicable drawings/specifications noted on the P.O. and the revision utilized to manufacture the product to be delivered to Astronautics/Kearfott. When a superseded specification is used, the association between the originally noted document and the current document must be noted on the C of C. In the event that an additional specification is referenced within the document denoted on the purchase order/drawing, the association to the subsequent specification must be reflected in the certification package. A correlation must be evident. All records of sub-tiers suppliers/manufacturers documents/certification shall be available for review upon request for a minimum period of five years unless otherwise specified.
QC085	C of C - rev of Gerber	(QC085) - C of C - Revision of Gerber - 07/29/2011 - The revision and date of the Gerber file software or other media used in the fabrication

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		of the printed wiring board shall be noted on the Certificate of Compliance (C of C) included with the shipment.
QC086	C of C - (suppliers format) -	(QC086) - Certificate of Compliance (C of C) - Updated7/23/2026 - The Supplier shall submit a C of C, in the Supplier's own format, to certify that the materials and processes for the Purchase Order meet all of the drawing/specification requirements. The C of C shall include the following: 1) Name and address of the Supplier 2) Quantity 3) Buyer's Purchase Order number 4) Buyer's part number and revision level as specified on the Purchase Order 5) Statement of Resubmission of Reworked Material: all items rejected by Buyer, returned to Supplier and subsequently resubmitted to Buyer for acceptance, shall be indicated on the C of C 6) Serial and/or lot number(s) and/or date code 7) Certification signature by the responsible Quality or Supplier Representative, the Representative's title and the date signed (electronic signature acceptable) IN ADDITION, if applicable, the appropriate sub-component/material Manufacturer certificate must be included which shows definitive traceability between the Manufacturer and Distributor (Supplier). Examples include, but not limited to: heat number, lot/batch number, order number, etc. which can be traced from one company to the other. **Supplier shall identify the Country of Origin (COO) for all items supplied under this Purchase Order in accordance with applicable customs regulations. Upon request, Supplier shall provide documentation supporting the declared Country of Origin. Supplier shall notify Kearfott of any change to the Country of Origin or manufacturing location that may affect the origin status of the supplied product. NOTE: For Inter-Company Orders Only - Material shall be accompanied by either a Configuration Verification and Accept Event Form (F5014) for Kearfott Corporation, Guidance & Navigation Division, or an Accept Event/Work Output Ticket (CGF5.3.1) for Kearfott Corporation, Motion Systems Division.
QC087	C of C - special	(QC087) - Certificate of Compliance (C of C) for Electronic Components - 07/29/2011 - A C of C for electronic components is required. The use of pure tin in plating or soldering processes is specifically prohibited. All plating or soldering processes require no less than three (3) percent lead composition (by weight). The Supplier shall submit a C of C, in the Supplier's own format, to certify that the items supplied meet this composition requirement. The C of C shall also include the following: 1) Name and address of the Supplier. 2) Buyer's Purchase Order number. 3) Buyer's part number and revision level as specified on the Purchase Order. 4) Serial and/or lot number(s) and/or date code. 5) Certification signature by the responsible Quality or Supplier Representative, the Representative's title and the date signed (electronic signature acceptable).
QC088	C of C - Mfg Date/Shelf Life	(QC088) Manufacturer date and/or shelf life must be marked on the Certificate of Compliance. Materials must have at least 3/4 to maximum

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QC Number	Description	QC Text
		usable shelf life when received at Astronautics.
QC089	C of C (M38510)	(QC089) Supplier to provide Certification of Compliance or Certification of Traceability documentation in accordance with Paragraph 3.3.1 of MIL-M-38510. Shipments which contain multiple manufactures, date codes or lot numbers will require packaging and identification in such a manner that traceability is maintained for each part.
QC090	C of C (19500)	(QC090) Supplier to provide Certification of Compliance or Certification of Traceability documentation in accordance with Paragraph 3.3.1 of MIL-S-19500. Shipments which contain multiple manufactures, date codes or lot numbers will require packaging and identification in such a manner that traceability is maintained for each part.
QC091	C of C - Sub-tier	(QC091) The supplier shall include a copy of the sub-tier supplier's C of C(s) for the basic material/product used to formulate Kearfott's product.
QC092	Certificate of Calibration -	(QC092) Calibration required per MIL-STD-45662A. Supplier is required to sign and send to Astronautics with the calibrated equipment a certificate of calibration. The certificate of calibration shall contain a statement that their measurements are traceable to N.I.S.T. along with their traceability numbers for the standards used to perform the calibration.
QC092K	Certificate of Calibration -	(QC092K) - Updated text 11/08/2022 - When calibration is requested, the Supplier shall: Calibrate in accordance with ISO/IEC 17025 or ISO 10012 (NOTE: ANSI/NCSL Z540.3 has been superseded by ISO 17025, ANSI/NCSL Z540-1 has been superseded by ANSI/NCSL Z540.3). Supplier is required to sign and send to Kearfott with the calibrated equipment a certificate of calibration (CofC). The CofC shall contain a statement that their measurements are traceable to NIST (or Int'l standard), in or out of tolerance as received, before and after data, along with traceability numbers for the standards used to perform the calibration. Accuracy, range of use and number of points to be checked (3 min unless stated in the applicable method standard) encompassing that range to be in accordance with the Manufacturer's Instructions. NOTE: Original Equipment Manufacturers are considered competent to perform calibration services. -
QC093	Mineral Origin	(QC093) The use of any minerals that originated in the Democratic Republic of the Congo or an adjoining country, must be disclosed to the Buyer prior to order acceptance. By beginning performance of this order, Supplier certifies that all material used in the manufacture of the products will be in compliance with the Dodd-Frank Wall Street Reform and Consumer Protection Act (Pub.L. 111-203, H.R. 4173).
QC094	KGN PWB Assembly Drawings	(QC094) The Kearfott drawings for the items listed on this purchasing order may refer to contacts, heat sinks, frames, jumpers and the locations of circuitry to be cut. These items and operations are not considered to be part of the lamina fabrication and are therefore not the responsibility of the Supplier to supply or add.
QC095	For Inter Site orders only	(QC095) - Inter-Company Orders Only - Updated 7/3/2018 - Material on this order shall be accompanied by either a Configuration Verification and Accept Event Form (F5014) for

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QC Number	Description	QC Text
		Kearfott Corporation, Guidance & Navigation Division, Little Falls, NJ, or an Accept Event/Work Output Ticket (CGF5063) for Kearfott Corporation, Motion Systems Division, Black Mountain, NC.
QC096K	Supplier is not Debarred	(QC096K) By acceptance of the Purchase Order, the Supplier certifies as of the time of the award the Company or its Principals is not debarred, suspended or proposed for debarment by the Federal Government and if so notifies Kearfott Corporation in writing of actions pending.
QC097K	DFAR 252.225-7008 (4)	(QC097K) - DFAR 252.225-7008 (4) - Text Updated 08/23/2017 - Bar stock up-to 1"- Straightness shall be 1/8" maximum for any 5 foot length increment. In order to verify compliance to DFAR 252.225-7008 Domestic Specialty Metals applies to this order. A copy of the mill certification shall be included with all shipments.
QC098	PC Software	(QC098) Delivery against this purchase order is considered certification by the Seller that the software being provided for end-use on a PC or Server was produced by the manufacture identified on the software or its packaging.
QC099	Bar Code Requirements	(QC099) The above part is individually serialized thus the supplier must place a separate bar code for each unit in the 3 of 9 format which contains the serial number of each part on the outside of the shipping container. Any questions regarding bar code requirements are to be directed to the buyer.
QC099K	DFAR 252.225-7008 (5)	(QC099K) - DFAR 252.225-7008 (5) - Text Updated 08/23/2017 - Bar stock 1"-3" -Straightness shall be 1/8" maximum for 6 foot length. In order to verify compliance to DFAR 252.225-7008 Domestic Specialty metals applies to this order. A copy of the mill certification shall be included with all shipments.
QC100	Gear traces	(QC100) Gear traces are required for 100% of the gears (0.0 AOL) on this order. Traces of tooth-to-tooth error, total composite error and testing radius must accompany the gears and must be appropriately marked for identification to the gear to which they apply. When gears are required to be serialized, gear traces must also be serialized.
QC101	Gear traces	(QC101) - Gear Traces - Updated 3/12/2025 - Gear traces are required on a sample in accordance with Level II 1.5 AQL (ANSI Z1.4, C=0) for each shipment/lot associated with this order. These traces shall document tooth-to-tooth error, total composite error and testing radius. Traces shall be retained at the supplier according to QC108 and are subject to timely retrieval and review by Kearfott as needed. These traces shall be appropriately marked for identification of the gears for which they apply. All gears shall be packaged to prevent damage to gear teeth.
QC102	Historical records	(QC102) - Historical Records - Space Applications - (Updated 6/10/2011) - Supplier shall maintain all historical quality records, which may be reviewed by Buyer at any time upon request to Supplier. Destruction of historical quality records shall not occur without the prior written authorization of the Buyer.
QC103	Comply w/ Procure-2-011	(QC103) - Comply with Procure-2-011 - 3/11/2025 - Supplier and all sub-tier suppliers shall be compliant with the latest version of Sikorsky Supplier Quality Requirements Procure-2-011. Sikorsky documents may be provided by Kearfott upon request or through http://suppliers.sikorsky.com/
QC104	Comply w/AS9102	(QC104) - 05/09/2025 - The Supplier shall

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QC Number	Description	QC Text
		complete First Article Inspection (FAI) to the latest revision of all Buyer requirements, including, as applicable, physical features, material properties and drawing/specification Notes. When the following conditions are identified by Kearfott MSD, the following Quality Clauses will be added to the PO requiring FAI: 1. QC0001: There is a print revision or a design change affecting fit, form or function. 2. QC0002: This is the first time the Supplier has fabricated the quoted part. 3. QC0003: There has been a lapse in manufacturing of two or more years. In addition, it is the supplier's responsibility to independently submit FAI if any of the following conditions apply: 4. There is a change in manufacturing source(s), process(es), special process(es), inspection method(s), location(s) of fabrication, tooling or materials, that can potentially affect fit, form or function, including sub-tier supplier influence. 5. There is a change in the numerical control program, or translation to another media, which can potentially affect fit, form or function. 6. There is a natural or man-made event which may adversely affect the manufacturing process(es), including sub-tier supplier influence. The FAI report and supporting data with applicable certifications shall accompany the first lot of material shipped which has been affected by the aforementioned conditions. This information shall be documented on an AS9102-based FAI Report (FAIR). The AS9102 Form is available at: http://www.sae.org. NOTE 1: Any charge for an FAI which is not due in accordance with the above conditions will be debited back to the supplier. NOTE 2: AS9102 FAI requirements do not apply to Commercial Off The Shelf (COTS) components. Please notify your Buyer if this is the case. NOTE 3: Suppliers must adhere to customer FAI flow-down requirements when applicable.
QC105	Comply w/ASQR-01	(QC105) - 3/6/2025 - Comply with COL-ASQR-PRO-0003 - Supplier and all sub-tier suppliers shall be compliant with the latest revision of United Technologies Corporation - Aerospace Supplier Quality Requirements COL-ASQR-PRO-0003. See Aerospace Quality Requirement Documents at: https://suppliers.utc.com. NOTE: User shall register on website for access. Contact Buyer for assistance. NOTE: Per COL-ASQR-PRO-0003 5.1.5 Nadcap or ILAC accreditation is required for all material testing laboratories.
QC106	Stainless Steel Bar Stock	(QC106) - Stainless Steel Bar Stock - 07/29/2011 - Unless otherwise specified, stainless steel bar stock shall be visually free of rust and heat scale.
QC108	Records - 10 yrs	(QC108) - Records - 10 years - 3/12/2025 - Records of manufacture, inspection and testing shall remain on file with the Supplier for a minimum of ten (10) years from the date of final shipment under this Purchase Order, unless otherwise required by additional customer flowdowns.
QC109	Records - Honeywill Indefinitely	(QC109) - Records for Honeywell - indefinitely - 07/25/2013 - In accordance with Honeywell Corporation requirements, all manufacturing, inspection, testing and other documentation supporting the fabrication process shall be retained indefinitely by the Supplier. This

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QC Number	Description	QC Text
		requirement takes precedence over any other stipulation.
QC110	Material Log	(QC110) - Material Log - Text Updated 05/23/2022 - Please refer to the appropriate Material Log for additional product requirements located at https://www.kearfott.com/support/supplier-resources/. Material Logs are separated by Barstock, Raw Material and Product Logs and include Purchased Part Numbers beginning with "1000", "1050", "2050, or "C200". NOTE: these additional requirements supersede all other flow downs and may include unique features, dimensions or characteristics which may not be standard.
QC111	Bar Stock and Tubing Requirements	(QC111) - Bar Stock and Tubing Requirements - Text Updated 07/17/2026 - Defense Federal Acquisition Regulation (DFAR) 252.225-7008 The DFAR requirement applies to this order if the material is considered ¿specialty¿ as defined by DFAR 252.225-7008. The following applies to all shipments of Bar Stock, regardless of DFARS designation: #NAME? -Straightness of all Bar Stock shall be 1/8 inch maximum per each 5 foot length. -Bar Stock and Tubing that is 2 inches or more in diameter must be shipped in 3 to 4 foot increments.
QC112	DFAR 252.225-7008 (2)	(QC112) - DFAR 252.225-7008 (2) - 07/29/2011 - Unless otherwise specified, bar stock that is two (2) inches or more in diameter shall be three (3) to six (6) feet in length. Bar stock straightness shall be 0.125 inch maximum for any three (3) foot length. Defense Federal Acquisition Regulation (DFAR) 252.225-7008, Domestic Specialty Metals applies to this order. A copy of the mill certification shall be included with all shipments.
QC113	DFAR 252.225-7008 (3)	(QC113) - DFAR 252.225-7008 (3) - 07/29/2011 - Unless otherwise specified, tubing straightness shall be 0.125 inch maximum for any four (4) foot length and tubing shall be four (4) to six (6) feet in length. Defense Federal Acquisition Regulation (DFAR) 252.225-7008, Domestic Specialty Metals applies to this order. A copy of the mill certification shall be included with the shipment.
QC114	DFAR 252.225-7016	(QC114) - DFAR 252.225-7016 - 07/29/2011 - Supplier and all sub-tier suppliers of ball and roller bearings for items purchased under this Purchase Order shall comply with Defense Federal Acquisition Regulation (DFAR) 252.225-7016, Restriction on Acquisition of Ball and Roller Bearings. For assistance contact Buyer.
QC115	FAR 52.225-1	(QC115) - FAR 52.225-1- Updated 05/10/2018 - Unless otherwise authorized in writing, the Supplier shall comply with Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act, and with Defense Federal Acquisition Regulation (DFAR) 225.003(10), Qualifying Country. The Supplier shall also comply with DFAR 252.225-7008, Restriction on Acquisition of Specialty Metals and DFAR 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals.
QC116	Flowdown	(QC116) - Flow Down - Updated 08/27/2018 - The Supplier shall include all necessary flow down Purchase Order and quality requirements in its purchase order to its sub-tier suppliers to ensure conformity with all design, manufacturing, inspection, testing and documentation requirements under this Purchase Order. In

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QC Number	Description	QC Text
		addition to the above, the Supplier shall notify the Buyer in writing within five (5) business days in the event of changes to any of the following pertaining either to the Supplier or to the Supplier's key sub-tier suppliers: 1) senior company management, 2) company ownership, 3) quality system status (for example - ISO 9001 registration status or disapproval by DCMA), 4) controlled process certification status, 5) comprehensive revision to its quality manual and/or procedures, and 6) processes, products, or services, including changes of external providers or location of office or manufacturing facilities. Failure to provide notification may result in termination of the Purchase Order for cause at the sole discretion of the Buyer. NOTE 1: The notification for item 6 above shall be completed through submittal of a First Article Inspection report per AS9102. Reference (QC104) - AS9102 Aerospace First Article Inspection (FAI). NOTE 2: These notification requirements do not apply to Commercial Off The Shelf (COTS) components.
QC117	Safety Data Sheet	(QC117) - Safety Data Sheet (SDS) - Supplier is obligated to submit to Buyer a SDS for materials on the Purchase Order in accordance with the Code of Federal Regulations 29 CFR 1910.1200 (Hazard Communication Standard). All shipments shall be properly labeled in accordance with 29 CFR 1910.1200.
QC118	Comply w/AS9100	(QC118) - (10/29/2012) Suppliers and sub-tiers shall be compliant to AS9100. AS9100 documentation requirements include statements of a quality policy and quality objectives, a quality manual, documents needed by the organization to ensure effective planning, operation, and control of its processes, and records required by AS9100. Suppliers purchasing organization shall maintain approved suppliers list and review performance.
QC119K	DFAR 252.225-7008 (6)	(QC119K) - DFAR 252.225-7008 (6) - Text Updated 08/23/2017 - Bar stock 3" and above - In order to verify compliance to DFAR 252.225-7008 Domestic Specialty Metals applies to this order. A copy of the mill certification shall be included with all shipments.
QC120	Manufacturer Date & Shelf Life	(QC120) Manufacturer date and shelf life must be marked on each individual tube, can, bottle or roll. Materials must have at least 3/4 to maximum usable shelf life when received at Astronautics.
QC121	Shelf Life (75%)	(QC121) - Limited Shelf Life (75%) - 7/29/2011 - The Supplier shall identify any materials or items which have definite characteristics of quality degradation due to age and/or environment or are otherwise defined as having a limited shelf life. These items shall be labeled to clearly identify, at a minimum, the following information on the lowest order of packaging, as applicable: 1) Manufacturer's name and/or logo. 2) Buyer's part number and/or Supplier's part number, if applicable. 3) Batch or lot number. 4) The date of manufacture and/or cure date. 5) Required or recommended storage temperature. 6) Special operating or storage instructions to the extent that such affects the life of the material. Upon delivery to Buyer, the remaining shelf life of the material shall be at least 75% of the total shelf life as defined in the Purchase Order.
QC122	Shelf Life Id	(QC122) - Limited Shelf Life Identification and

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QC Number	Description	QC Text
		Requirement ¿ Updated 7/17/2026 - The Supplier shall identify any materials that have definite characteristics of quality degradation with age and/or exposure to certain environments. Supplier shall print the following information, at a minimum, on the lowest order of packaging for such material, as applicable: 1) Shelf life of the material as defined by the manufacturer NOTE: If the material does not have a Shelf-Life as defined by the manufacturer (unlimited), a statement of that nature must be included in the documentation. 2) Manufacturer's name and/or logo 3) Buyer's part number and/or supplier part number 4) Batch or lot number 5) Date of manufacture and/or cure date 6) Required or recommended storage temperature 7) Special operating or storage instructions to the extent that would affect the life of the material NOTE 1: Materials shall have no less than 90 days shelf life remaining at the date of shipment NOTE 2: Shipments containing multiple manufacturer lot-batches of the same material shall include separate and distinct information as outlined in 1) through 7) for EACH lot-batch, as applicable.
QC123	Shelf life (5 yrs)	(QC123) - Shelf Life - 07/29/2011 - In addition to the requirements imposed by QC122, the age of the limited shelf life material on this Purchase Order, when received by Buyer, shall not exceed fifteen (15) months from date of manufacture while stored at ambient room temperature. Material that does not comply with this requirement shall be rejected upon arrival.
QC124	Shelf life (2 yrs) -	(QC124) - Shelf Life - 07/29/2011 - In addition to the requirements imposed by QC122, the age of the limited shelf life material on this Purchase Order, when received by Buyer, shall not exceed six (6) months from date of manufacture while stored at ambient room temperature. Material that does not comply with this requirement shall be rejected upon arrival.
QC126	Shelf life (12 months) -	(QC126) - Shelf Life - 07/29/2011 - In addition to the requirements imposed by QC122, the age of the limited shelf life material on this Purchase Order, when received by Buyer, shall not exceed three (3) months from date of manufacture while stored at ambient room temperature. Material that does not comply with this requirement shall be rejected upon arrival.
QC127	Shelf life (18 months) -	(QC127) - Shelf Life - 07/29/2011 - In addition to the requirements imposed by QC122, the age of the limited shelf life material on this Purchase Order, when received by Buyer, shall not exceed four (4) months from date of manufacture while stored at ambient room temperature. Material that does not comply with this requirement shall be rejected upon arrival.
QC136	Shelf life (6 mths <40) -	(QC136) Reference QC121; Kearfott assigns shelf life of this material to be six (6) months when stored @40 degrees F. or less.
QC139	Shelf life (Stycast, Catalyst) -	(QC139) Reference QC121; Kearfott assigns shelf life of this material as follows: Stycast 2651-Six (6) months; Catalyst #9 or #11-Twelve (12) months
QC141	Shelf life (50-xxx) -	(QC141) Reference QC121; Kearfott assigns shelf life of this material as follows: 50-xxx material thirty-six (36) months from date of manufacture or twelve (12) months from date of shipment;

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QC Number	Description	QC Text
		catalyst material twenty-four (24) months from date of manufacture or (12) months from date of shipment (except silk screening applications to be six (6) months from date of manufacture). TRA-CON material: Twelve (12) months from date of manufacture (except silk screening applications to be six (6) months.
QC145	Shelf life (date of ship) -	(QC145) Reference QC121: Kearfott designates start date of shelf life to be date of shipment.
QC148	Irregular Shelf Life -	(QC148) - Shelf Life - (Updated 6/10/2011) - In addition to the requirements imposed by QC122, the age of the limited shelf life material on this Purchase Order, when received by Buyer, shall not exceed ____ months from date of manufacture while stored at ___ degrees Fahrenheit or below. This age requirement is a one-time exception to the standard age requirement imposed by the Buyer and therefore supersedes all other age requirements for this Purchase Order only. Material that does not comply with this requirement shall be rejected upon arrival.
QC151	Age Sensitive (50%) -	(QC151) The supplier must indicate the date of manufacture of any material still in an age sensitive state which forms a part of the supplies submitted in accordance with this order. This information must be conspicuously marked on the lowest order of packaging/unit packaging (i.e., contains Age Sensitive Material, Date of Mfg.). The remaining shelf-life of the age sensitive material be at least 50% upon receipt at Astronautics.
QC152	Age Sensiitive (60 mths) -	(QC152) Required shelf life for this part is 60 months from date of manufacture. The remaining Shelf life of age sensitive material must be at least 75% at receipt at Kearfott.
QC153	Shelf life 75% -	(QC153) Material must have at least 75% usable shelf life upon receipt at Astronautics.
QC154	Shelf life (3-6 months)	(QC154) - Shelf Life - 07/29/2011 - In addition to the requirements imposed by QC122, the age of the limited shelf life material on this Purchase Order, when received by Buyer, shall not exceed one (1) month from date of manufacture while stored at 40 degrees Fahrenheit or below. Material that does not comply with this requirement shall be rejected upon arrival.
QC160	ANSI/ESD S20.20	(QC160) - ANSI/ESD S20.20 - 07/29/2011 - ANSI/ESD S20.20 Electrostatic Discharge Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment applies to this Purchase Order.
QC161	MIL-STD-981	(QC161) - MIL-STD-981 - (Updated 6/10/2011) - This requirement for acceptable design, manufacturing and quality control criteria for custom electromagnetic devices for space applications applies to this Purchase Order.
QC162	Configuration Verificaiton	(QC162) - Configuration Verification and Accept Event (CVAE) 07/29/2011 - Material on the Purchase Order shall be accompanied by a CVAE form (F5014A).
QC163	Configuration	(QC163) "Additional baseline configuration drawings are listed below: * NOTE: The applicable line item and part number shall be identified followed by a listing of the applicable documents and revisions (i.e., parts lists, specifications, and drawings.)"
QC164	Configuration (intersite)	(QC164) - Configuration for Inter-Company Orders - 07/29/2011 - The current/approved configuration for the part number(s) on the Purchase Order is documented on the screen labeled Engineering Part Revisions in IFS. This

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		screen is located by accessing the PDM-Configuration folder from the IFS Navigator, then the Parts subfolder.
QC200	Inspection-comply w/ Honeywell-	(QC200) - Inspection - Comply w/ Honeywell - 07/29/2011 - Inspection and sampling shall comply with Honeywell's Supplemental Purchase Order Condition (SPOC) 128 - Characteristic Accountability. The Supplier shall use the latest revision of SPOC 128 found on Aerospace Supplier Portal (http://www.supplier.honeywell.com) at the time of the Purchase Order confirmation. Alternate Supplier sampling plans shall be provided to Buyer for submittal to Honeywell for approval. Alternate Supplier sampling plans shall not be used prior to approval
QC201	Procurement spec-Bell	(QC201) Bell Helicopter procurement specifications 4163, 4470, FW4089 & FW4387 are applicable. The supplier must certify item meets these specifications. Item must be pressure tested IAW Note 5. Test data required.
QC204	Notes: (Bell)	(QC204) The following notes apply to this order: Note 1: Bell Helicopter QPS 102 applies. Note 2: Q025 applies to line item 3 only. Note 3: Statement of work 449-927-019A applies. Note 4: Progress reports to be issued to program manager on a bi-monthly basis until completion of design and qualification testing.
QC205	NCC - General Dynamics	(QC205) - GDLS No Change Clause - Updated 10/06/2021 - Supplier and its sub-tier suppliers shall make no change in design or materials after approval of the first production test item or after acceptance of the first completed end item, without Buyer's written approval for all changes (Class I and II). Buyer will coordinate with General Dynamics to receive General Dynamics' acceptance on these changes prior to granting Buyer approval to the Supplier. If Supplier makes any changes in the design, materials, manufacturing location, manufacturing process, assembly processes, or source of supply after approval of the first production test item or after acceptance of the first completed end item and the change was the initiated by the Supplier, all re-qualification costs will be the responsibility of the Supplier. -
QC206	Special Process - Honeywell -	(QC206) Supplier performing special processes must be approved by Honeywell's Rocky Mount as shown in the approved processing sources QP-457 document on web site https://www.supplier.honeywell.com. Each supplier is requested to obtain their own ID and password. Otherwise, contact Kearfott buyer (buyer to contact Honeywell for assistance).
QC207	Moog Barstock Requirements	(QC207) - Moog SQR-1 Barstock Requirement- Updated 11/01/2019 - Moog requires that suppliers use Moog approved raw material suppliers. Listing is available at https://www.moog.com/suppliers/arms/. Supplier shall submit a completed copy of Moog Inspection Requirements for Raw Material Form S275 with each shipment. Kearfott Incoming Inspection: Shall verify that material was purchased from a Moog Approved Supplier using the website above and a copy of completed Form S275 has accompanied shipment.
QC209	Special Process -G E	(QC209) - Special Process - General Electric - 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be

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QC Number	Description	QC Text
		completed by General Electric Aircraft Engines (GEAE) approved suppliers. A listing of approved suppliers can be provided by the Buyer. Supplier and its sub-tier suppliers not currently on the approved list must obtain GEAE approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance. ¿
QC211	Spcl Process-Honeywell Tucson(2)-	(QC211) Supplier performing special processes must be approved by Honeywell Tempe as shown in approved processing sources list on web site https://www.supplier.honeywell.com. Each supplier is requested to obtain their own ID and password. Otherwise, contact Kearfott buyer (buyer to contact Honeywell for assistance).
QC212	Apvd supplier - Boeing	(QC212) - Approved Supplier - Boeing - 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be completed by Boeing approved suppliers. A listing of approved suppliers can be found using the D1-4426 Approved Process Sources List as it appears under the Supplier Quality section on the Boeing website: http://www.boeingsuppliers.com. Supplier and its sub-tier suppliers not currently on the approved list must obtain Boeing approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance. ¿
QC213	Apvd source - Bell	(QC213) - Approved Source - Bell - 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be completed by Bell Helicopter Textron approved suppliers. A listing of approved suppliers can be found in Bell documents QPS-101, Approved Process Sources, or 299-099-900, Approved Source List. Supplier and its sub-tier suppliers not currently on the approved list must obtain Bell Helicopter Textron approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance. ¿
QC214	Pck'g &/or Preservation - Bell	(QC214) - Packing and/or Preservation - Bell - 07/29/2011 - In accordance with Buyer's customer requirements, this item shall comply with Bell Helicopter Textron Process Specification (BPS) 4102, Packaging and/or Preservation of Aircraft Parts and Assemblies for Stock.
QC215	Special Process - Raytheon	(QC215) -Special Process - Raytheon ¿Updated 07/19/2021 - In accordance with Buyer's customer requirements, all special processes shall adhere to the latest revision of Raytheon¿s QNotes. An index of Q-Notes and Raytheon approved suppliers can be found at the Raytheon Quality & Supply Chain website: http://qnotes.raytheon.com. Enter the appropriate two-letter code listed below into the Quality Note field to review current Q-Note requirements and a list of Raytheon approved suppliers for that special process if applicable: Q-Notes-Process #NAME? #NAME? #NAME? #NAME? #NAME? #NAME? #NAME?

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		- CX for Soldering Requirements IPC J-STD-001D Supplier and its sub-tier suppliers not currently conforming to the Quality Note must obtain Raytheon approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance.-
QC216	Special Process - Parker	(QC216) - Special Process - Parker Aerospace - 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be completed by Parker Aerospace approved suppliers. A listing of approved suppliers can be found in the Supplier section on the Parker Aerospace website: http://www.parker.com. Supplier and its sub-tier suppliers not currently on the approved list must obtain Parker Aerospace approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance. ¿
QC217	Special Process - Moog	(QC217) - Special Process - Moog - Updated 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be completed by a Nadcap and Moog approved supplier. A listing of approved suppliers can be found in the Supplier section on the Moog website: http://www.moog.com. Supplier and its sub-tier suppliers not currently on the approved list must obtain Moog approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance.
QC218	Special Process - Hamilton	(QC218) Supplier performing special processes must be approved by Hamilton Sundstrand. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. (SEE ALSO QC229). ¿
QC219	Special Process - J.C.Carter	(QC219) Supplier performing special processes must be approved by J. C. Carter as shown in J. C. Carter Approved Supplier List Index (http://www.jccarter.com/aero/quality.htm). Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process
QC220	Special Process - Sikorsky	(QC220) - Special Process - Sikorsky - 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be completed by Sikorsky Aircraft approved suppliers. A listing of approved suppliers can be found in Sikorsky Aircraft Document SS7777, Approved Source List for Special Processes and Laboratories. Supplier and its sub-tier suppliers not currently on the approved list must obtain Sikorsky Aircraft approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance.
QC222	Special Process -GE Aircraft (2)	(QC222) GE Special processes - Updated 07/19/2021 - Special processes shall be performed by an organization approved by General Electric Aircraft Engines. A listing of approved suppliers can be provided by the Buyer. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process
QC223	Histograms (Boeing approved)	(QC223) - Histograms (Boeing Approved) - 07/29/2011 - The drawing for this part has key

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		characteristic(s) identified on it. The Supplier shall measure and record actual data or provide copies of histograms prepared in accordance with a Boeing approved software package for each key characteristic. If the demonstrated Ppk is less than 1.33, then 100% inspection is required. This data shall be delivered with the hardware.
QC224	Special Process -Lockheed Martin	(QC224) - Special Process - Lockheed Martin - 07/19/2021 - In accordance with Buyer's customer requirements, all special processes can only be completed by Lockheed Martin approved suppliers. A listing of approved suppliers can be found on the Lockheed Martin website: http://www.myexostar.com. Supplier and its sub-tier suppliers not currently on the approved list must obtain Lockheed Martin approval prior to processing material. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process. Contact Buyer for assistance.
QC225	NCC - Lockheed	(QC225) - No Change Clause (NCC) - Lockheed Martin - 07/29/2011 - Neither Supplier nor its sub-tier suppliers shall make any change in design, materials, manufacturing, assembly processes or source of supply that would affect form, fit, function, safety, weight, maintainability, service-life, reliability, replacement or interchangeability of parts, including contract and/or specification deviations, without the prior, written approval of the Buyer. Buyer will coordinate with Lockheed Martin to receive customer acceptance on these changes prior to granting Buyer's approval to the Supplier.
QC226	NCC - Triumph	(QC226) - No Change Clause (NCC) - Triumph - 07/29/2011 - Neither Supplier nor its sub-tier suppliers shall make any change in design, materials, manufacturing, assembly processes or source of supply that would affect form, fit, function, safety, weight, maintainability, service-life, reliability, replacement or interchangeability of parts, including contract and/or specification deviations, without the prior, written approval of the Buyer. Buyer will coordinate with Triumph to receive customer acceptance on these changes prior to granting Buyer's approval to the Supplier.
QC227	NCC - Raytheon	(QC227) - No Change Clause (NCC) - Raytheon - 07/29/2011 - Neither Supplier nor its sub-tier suppliers shall make any change in design, materials, manufacturing, assembly processes or source of supply that would affect form, fit, function, safety, weight, maintainability, service-life, reliability, replacement or interchangeability of parts, including contract and/or specification deviations, without the prior, written approval of the Buyer. Buyer will coordinate with Raytheon to receive customer acceptance on these changes prior to granting Buyer's approval to the Supplier.
QC228	Marking - Honeywell parts -	(QC228) All Honeywell parts shall be marked IAW SPOC 200. See SPOC Manual at: Https://www.supplier.honeywell.com. NOTE: Each supplier is requested to obtain their own User ID and Password. Otherwise, contact Kearfott Buyer (Buyer to contact Honeywell for assistance).
QC229	Special Process - HS	(QC229) - Special Process - HS - 05/09/2025 - In accordance with Buyer's customer requirements, all special processes can only be completed by¿ then includes a separate bullet point below that reads ¿Standard approved suppliers that are NADCAP certified prior to starting the process. All special processes can only be completed by

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QC Number	Description	QC Text
		Collins Aerospace Approved Sources. If changing from one source approving a special process to another Collins Approved Source, a partial FAI shall be completed to document and validate the new special process source. A list of approved suppliers can be found on the Hamilton Standard website: http://hsebiz.utc.com/supplierportallogin/login.aspx. Supplier and its sub-tier suppliers not currently on the approved list must obtain Hamilton Standard approval prior to processing material. Contact Buyer for assistance.¿
QC230	Colllins / UTC Distributors	(QC230) - Collins / UTC Distributors - 11/04/2019 - All Distributors of metals, electronics, and hardware in the supply chain shall be on the UTC QDL (Qualified Distributor List) found on https://www.rtx.com/suppliers/united-technologies-suppliers/united-technologies-asqrd. Scroll down to downloads and click on UTC Qualified Distributor List. Supplier shall use ASQR-01 Form 9 to request and obtain approval prior to the use of any Distributor not on the UTC QDL. UTC QDL documentation must be submitted for each approved supplier and sub-tier supplier utilized. Contact Buyer for assistance
QC231	Honeywell SPOCGroup-003	(QC231) Supplier is to be compliant with the latest revision of Honeywell SPOC Manual, Group-003 (less SPOC numbers: 140, 142, 239 and 267). For access, please visit Honeywell Supplier portal at; https://www.supplier.honeywell.com. Any questions regarding SPOC requirements or requistration are to be directed to your Kearfott buyer.
QC232	Honeywell SPOC Manual Group-002	(QC232) - Honeywell SPOC Manual Group-002 - (07/19/2021) - Supplier shall comply with the latest revision of Honeywell Supplemental Purchase Order Condition (SPOC) Manual, Group-002 (less SPOC Numbers: 124, 140, 142, 149, 239 and 267). Please visit the Honeywell Supplier portal at: http://www.supplier.honeywell.com for access to these provisions. Any questions regarding SPOC requirements or registration shall be directed to the Buyer. ATTENTION SUPPLIER: SPOC 165 applies to this order and is available on the Honeywell Supplier Portal (user name and password are required). If unable to gain access; please contact Kearfott Buyer. All special process MUST be performed by a Honeywell approved Source. Certification documentation must be submitted for each approved supplier and sub-tier supplier utilized for a special process.
QC233	Honeywell SPOC Manual Group-003	(QC233) - Honeywell SPOC Manual Group-003 - 07/29/2011 - Supplier shall comply with the latest revision of Honeywell Supplemental Purchase Order Condition (SPOC) Manual, Group-003 (less SPOC Numbers: 140,142, 239, and 267). Please visit the Honeywell Supplier Portal at: http://www.supplier.honeywell.com for access to these provisions. Any questions regarding SPOC requirements or registration shall be directed to the Buyer.
QC234K	IAW HONEYWELL	(QC234K) -7/9/2013 - NOTE: IAW Honeywell requirements; the source of supply stipulated on Honeywell drawing, whether suggested or controlled is to be regarded as controlled and product is to be procured accordingly. ABSOLUTELY NO ALTERNATE SOURCE IS TO BE USED WITHOUT PRIOR WRITTEN HONEYWELL APPROVAL. Questions are to be

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		directed to Kearfott Buyer.
QC235	BOEING COMMERCIAL	QC235 - 7/7/2025 - Boeing Commercial: Seller shall comply with requirements of AS9138 when applying statistical sampling methods as a means to ensure product, article, or service conformance.
QC235K	NCC - Eaton	(QC235K) - No Change Clause (NCC) - Eaton - 09/21/2016 - Neither Supplier nor its sub-tier suppliers shall make any change in design, materials, manufacturing, assembly processes or source of supply that would affect form, fit, function, safety, weight, maintainability, service-life, reliability, replacement or interchangeability of parts, including contract and/or specification deviations, without the prior, written approval of the Buyer. Buyer will coordinate with Eaton to receive customer acceptance on these changes prior to granting Buyer's approval to the Supplier.
QC236K	Reference DFAR 252.246-7008 Sources	(QC236K) - 02/08/2017 - Reference DFAR 252.246-7008 Sources of Electronic Parts -the Supplier shall include the necessary documentation (i.e. C of C or packing slip) to identify the tracking of electronic parts from the original manufacturer to all sub-tier Suppliers to the immediate Supplier shipping product to Kearfott.
QC246K	Artwork with shipment	(QC246K) -03/03/2011- NOTE: (REF: QC251): Supplier shall include a copy of the Kearfott artwork approval with shipment.
QC247K	Test Data from Mexico	(QC247K) - 06/26/2012 - NOTE: Test data is to be included with product shipped from Mexico.
QC248	Supplier part#	(QC248) - Supplier Part Number - 07/29/2011 - The Buyer's part number appearing on the Purchase Order is included for reference purposes only. Supplier shall provide the Manufacturer's part number specified in the part description field or document text.
QC249	Supplier Test Coupons	(QC249) - Supplier Test Coupons - 12/21/2020 - Supplier shall provide, with each delivery to Buyer, test coupons for the evaluation of printed wiring boards or flex tape assemblies in accordance with the following requirements (as applicable): 1) Buyer's drawing and/or Supplier's drawing. 2) MIL-PRF-31032 and/or IPS-6012 or IPC-6013 as applicable to drawing type and notes. 3) Additional tests specified by the Buyer and included on the Purchase Order or its attachments. The test coupons shall be a representation of the part(s) supplied and marked with the part number(s), serial number(s), date code(s) and panel traceability number(s).
QC250	Special Process - Supplier -	(QC250) - Special Process - Supplier - 07/29/2011 - All special processes performed by the Supplier shall be noted on the Supplier's Certificate of Compliance (C of C). The Supplier shall also identify all documents, and their accompanying revision levels, which control that process. When a sub-tier of the Supplier performs special processes, a copy of the sub-tier supplier's C of C shall be provided to the Buyer which includes: 1) sub-tier supplier's name and address, 2) quantity, 3) a list of documents and revisions that control the required processes, and 4) certifying signature of the responsible quality or other sub-tier representative, the representative's title and the date signed (electronic signature acceptable). This C of C shall be included with the shipment to

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QC Number	Description	QC Text
		Buyer.
QC251	Artwork approval	(QC251) - Artwork Approval - Updated 12/15/2016 - Artwork shall be submitted to Buyer for approval by Kearfott Quality Assurance prior to production. Approval of artwork shall not relieve Supplier of conformance to the drawing nor does this constitute acceptance of Supplier's product by the Buyer.
QC252	Artwork approval -	(QC252) Artwork shall be submitted to Astronautics for approval prior to production. Acceptance of artwork does not relieve supplier of conformance to the drawing nor constitute acceptance of product by Astronautics-
QC253	Heat treat (AMS 2759)	(QC253) - Heat Treat (AMS 2759) - 07/29/2011 - Buyer directs the Supplier to use AMS 2759 in lieu of SAE-AMS-H-6875 for heat treatment in accordance with the drawing note.
QC257	Heat treat (AMS 27591/5) -	(QC257) For heat treat in accordance with the drawing note, Kearfott's customer directs use of AMS 2759/5 in lieu of MIL-H-6875.
QC258	Special Process - NADCAP	(QC258) - Special Process - NADCAP - 07/19/2021 - Parts defined by either Buyer or its customer's drawing which require a special process shall be performed by a NADCAP approved supplier. Supplier catalog or off-the-shelf items (electronic or hardware) are exempt from this requirement, provided that no additional processes are performed to bring parts into compliance with Buyer or its customer's drawing requirements. For a list of qualified processors, Supplier shall visit: http://www.eauditnet.com. A one-time registration will be required for access. Certification documentation must be submitted for each sub-tier supplier utilized for a special process. Contact Buyer for assistance.
QC259	Responsibility - Supplier	(QC259) Revision Verification and Document Retention - 9/10/2026 - The Supplier shall be responsible to verify that they are working to the latest drawing revision and applicable revision notices as specified on the Purchase Order. It is also the responsibility of the Supplier to verify that they are working to the revision level(s) of all referenced government, military, and industry specifications listed on the Purchase Order, engineering documentation, and/or drawings at the time of acceptance through Approved Specification Vendors. Suppliers shall also reference https://www.kearfott.com/support/supplier-resources/ for applicable specifications revisions. The Certificate of Compliance (C of C), or other referenced document, shall list all applicable drawings/specifications, with their applicable revision(s), that were used to manufacture the product to be delivered to Buyer.
QC260	Hazardous Material	(QC260) - Hazardous Material - 4/28/2021 - The supplier shall attach Globally Harmonized System (GHS) compliant labels, prepared in accordance with Hazard Communication Standard 29 CFR 1910.1200 Section F to each individual package and usable container of material delivered to Buyer.
QC261	C190000051	(QC261) - C190000051 General Drawing Notes, Machining - 07/29/2011 - Product shall comply with Buyer's Document C190000051 (General Drawing Notes) Paragraph 16 (Workmanship) when inspected at 7X magnification.
QC262	EU Environmental Law	(QC262) - EU Environmental Law - 07/29/2011 - European Union (EU) environmental regulation requires that this product shall not contain or make use of more than 0.1% concentration by

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		mass of Pentabromodiphenyl ether (CAS 32536-52-0) or Octabromodiphenyl ether (CAS 1163-19-5). REACH is the European Community Regulation on chemicals and their safe use (EC 1907/2006). It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. Supplier shall comply with REACH requirements.
QC263	Inspection - Internal Gears	(QC263) - Inspection - Internal Gears - 07/29/2011 - Inspection data for internal gears shall consist of at least three (3) measurements between wires during fabrication, consisting of one check at the beginning, one in process, and one at the completion of each lot or shift. Results shall comply with engineering requirements. A copy of the test results shall be provided with shipment in a separate envelope and be appropriately marked for identification of the gear for which they apply. Traces and/or other acceptance data may be provided, when available, in lieu of measurement over wires.
QC264	Supplier - IAW QC249	(QC264) - Supplier - IAW QC249 Supplier Test Coupons - 07/29/2011 - Supplier to submit test coupons in accordance with QC249 with initial printed wiring board (PWB) shipment to the Buyer. Subsequent shipments of previously submitted lot-code, batch-code or date-code are to have a written notation on the Certificate of Compliance (C of C) referencing date of initial coupon submission.
QC265	Supplier - Inspection data	(QC265) - Supplier - Inspection Data - 02/04/2025 - Inspection data is defined as: Visual inspection report; tolerance inspection report; approved Magnetic-Particle and/or Liquid Penetrant results; complete set of radiographics, radiographic inspection report and technique sheet. When multiple specifications apply, the most restrictive requirement shall be satisfied first. Radiographics and radiographic inspection reports shall be retained by the supplier in accordance with QC108, or more stringent Customer Record Retention Requirements if applicable, and are subject to review at Kearfott's discretion.
QC266	Non-conforming product -	(QC266) - Text Updated 6/13/2019 -The Supplier is not authorized for the review or disposition of nonconforming outputs manufactured in accordance with the Purchase Order. Notification of all nonconforming outputs through submittal of a Material Review Report (MRR) CGF 5.4.5 is required. Notification is required within one working day from discovery of nonconforming or suspected nonconforming outputs that have been released to Kearfott (including sub-tier supplier outputs) through submittal of a Non-Conformance Disclosure Report (Post Delivery) CGF 4.3.1. Forms are located on the Kearfott web page (www.kearfott.com, click on Support/Supplier Resources). Nonconforming product (made from Kearfott supplied material) and or test samples used in destructive test are to be identified and packaged separately with product shipped to Kearfott.
QC266G	Non conforming product- GND	(QC266G) Text Updated 09/09/19 - The Supplier is not authorized for the review or disposition of nonconforming outputs manufactured in accordance with the Purchase Order. Notification of all nonconforming outputs through submittal of a Material Review Report (MRR) F945AA is required. Notification is required within one working

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QC Number	Description	QC Text
		day from discovery of nonconforming or suspected nonconforming outputs that have been released to Kearfott (including sub-tier supplier outputs). Nonconforming product (made from Kearfott supplied material) and or test samples used in destructive test are to be identified and packaged separately with product shipped to Kearfott.
QC267	Stainless Steel Product	(QC267) - Stainless Steel Product - 07/29/2011 - All stainless steel products manufactured/shipped to Buyer, with the exception of 300 series stainless, shall have non-sulfur, non-silicone rust preventive coating applied upon completion of all operations. Rust preventive coating shall be removable using standard vapor degreasing techniques. Contact Buyer with technical questions if necessary.
QC268	Inspection- New or modified tl'g-	(QC268) - Inspection - New or Modified Tooling - 07/29/2011 - Supplier is required to provide a detailed inspection report to Buyer for approval when any new or modified tooling is used for the fabrication of product shipped to Buyer.
QC269	Backlash data	(QC269) Data for center to center distance & run-out of bore to pitch diameter for each thread of the worm for each set shall be included with shipment. This, along with lead angle, composite error, tooth to tooth error, & measurement over wires shall be supplied with shipment of a level II AQL 1.5 sample basis. Backlash data shall be supplied for all sets.
QC270	International Space Station	(QC270) - International Space Station - Updated 06/21/2023 - This item is to be used on the International Space Station. The following special requirements apply: 1) NASA FAR Supplement 1852.246-73 (1997) applies to the Seller. 2) All of the requirements listed in this purchase order shall be included by Seller in all subcontracts and purchase orders placed by it in support of this contract, without exception as to amount or subcontract level. 3) Supplier shall maintain records of manufacture, inspections and tests - No quality historical records shall be destroyed unless authorized in writing by Buyer. 4) Incoming Inspector: Stamp the receiver "ISS" and mark: "!TRACEABILITY REQUIRED - KEEP SEGREGATED!"
QC271	Reference Clause QC086	(QC271) Reference Clause QC086; the C of C shall identify the document and its revision which controls the process (or product) performed on the parts.
QC272	FAA	(QC272) This product/service is for use on commercial aircraft. In accordance with Federal Aviation Administration (FAA) requirements, use of a geographically located non-U.S. subtier supplier requires written notification to the Kearfott buyer within five days. This non-U.S. supplier may be audited by the FAA.
QC272K	Product/Service - FAA -	(QC272K) - Product/Service - FAA - 7/29/2011- The item(s) included in this Purchase Order are for use on commercial aircraft. In accordance with Federal Aviation Administration (FAA) requirements, Supplier's use of a sub-tier supplier that is geographically located outside the U.S. requires written notification to the Buyer prior to contracting with the sub-tier supplier. This non-U.S. Supplier is subject to audit by the FAA.
QC273	Inspection - Customer Supplied	(QC273) KC Incoming Inspection: This item(s) is

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QC Number	Description	QC Text
		customer supplied product; perform complete inspection to the drawing.
QC274	Suppliers - designated -	(QC274) This P/N has designated Kearfott certified supplier(s). The supplier shall route a copy of the P.O. to the designated representative(s). The designated representative, upon successful completion of all requirements, shall affix designated stamp next to the P/N on both the C of C and the shipper.
QC275	Supplier - Quality system -	(QC275) - Supplier Quality System - Text Updated 6/13/2019 - The Supplier shall maintain a certified or Buyer approved Quality System. The Quality System shall include, but is not limited to, requirements for the following: Control of Documented Information; Operational Planning and Control; Requirements for Products and Services; Control of Externally Provided Processes, Products, and Services; Production and Service Provision; Release of Products and Services; and Control of Nonconforming Outputs. The Supplier shall also ensure that persons are aware of their contribution to product or service conformity, their contribution to product safety, and the importance of ethical behavior. (QC350) - 7/13/2026 - Supplier shall not mix manufacturing lots or batches within individual containers. Multiple lots within a shipment are permitted only when each lot is packaged separately, clearly identified, and supported by traceable documentation corresponding to the applicable lot. Prior written Buyer approval is required for any deviation from this requirement.
QC276	Inspection - Govt -	(QC276) - Government Inspection - 07/29/2011 - Government inspection is required for the material on the Purchase Order prior to shipment from Supplier's facility. On receipt of this order, promptly furnish a copy to the Government representative who normally services the facility or, if none, to the nearest Army, Navy, Air Force or Defense Supply Agency inspection office. In the event the representative or office cannot be located, the Buyer shall be notified immediately.
QC277	Source Inspection (10days) -	(QC277) Parts are to be held for Astronautics Source Inspection. Advanced Notification to Astronautics must be made at least 10 days prior to parts being ready for inspection.
QC278	Source Inspection (2days) -	(QC278) Items covered by this Purchase Order are to be submitted to a Kearfott Quality Control representative for final acceptance at your facility. Acceptance at your facility does not negate your responsibility, as a supplier, to meet all requirements of the contract/specification. You must give the Kearfott Buyer two (2) days advance notice for source inspection coverage. The Accept Event form provided by the source representative must accompany the material. Final acceptance is subject to review at the Kearfott buying facility.
QC279	Source Inspection - Government -	(QC279) If Government source inspection block is checked "Y", Supplier shall give a copy of this purchase order to the Government representative who normally services Supplier's plant so that appropriate arrangements for Government inspection can be made. In the event the Government representative or office cannot be located, the Astronautics buyer shall be notified immediately.
QC280	Test Data	(QC280) - Test Data - 07/29/2011 - Material on the Purchase Order shall be accompanied by test data, related drawings and documents as defined on the Purchase Order. The test data sheet

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QC Number	Description	QC Text
		heading shall include, but is not limited to, the following: Buyer's Purchase Order number; Buyer's assigned part number and Supplier's part number; drawing revision status; test identification (name); inspection level and AQL; date code(s); quantity tested and quantity accepted for each test.
QC281	C of A	(QC281) - Certificate of Analysis (C of A) - 4/10/2025 - The Supplier shall submit a C of A to certify that the material supplied on the Purchase Order meets all of the drawing/specification requirements. The C of A shall, at a minimum, include the following: 1) Name and address of the Supplier. 2) Buyer's Purchase Order number. 3) Buyer's part number and revision level as specified on the Purchase Order. 4) Serial and/or lot number(s) and/or date code. 5) Batch, heat or melt number(s) (as applicable). 6) Mill Certificates and Mill Reports (Required for all goods containing metal, in whole or in part, to support traceability and customs compliance.) 7) Commercial Invoice, clearly stating: The Country of Cast and Smelt (for aluminum and derivatives); The Country of Melt and Pour (for steel and derivatives); and The Country of Origin (final manufacturing location). 8) Chemical analysis of composition by percentage of weight or volume. 9) Mechanical properties (as applicable). 10) Certification signature by the responsible Quality or Supplier Representative, the Representative's title and the date signed (electronic signature acceptable).
QC283	Source Inspection(2days in prcss)	(QC283) - In-Process Source Inspection - 07/29/2011 - Items covered by the Purchase Order are to be inspected in-process, at control points stipulated on the Purchase Order, at Supplier's facility by Buyer's Source Inspector. The Supplier shall notify Buyer at least ten (10) business days in advance of the scheduled date for the required inspection. The Accept Event form (F4917) provided by Buyer's Source Inspector shall accompany parts delivered to Buyer.
QC284	Supplier data sheet	(QC284) - Supplier Data Sheet - 07/29/2011 - Supplier shall provide a catalog or product specification data sheet with the material submitted. Specification or catalog data submitted shall define Supplier's product in sufficient detail to support identification and verification of significant mechanical, electrical and chemical characteristics.
QC285	Test - leak or pressure	(QC285) - Leak or Pressure Test - 7/29/2011 - The specifications for this part require a leak or pressure test. The Supplier shall submit, for each item delivered to Buyer, objective evidence that the part(s) satisfies the requirements defined on the Purchase Order.
QC286	Sample - Casting mold -	(QC286) - Casting Mold Sample - (Updated 6/11/2011) - A sample piece produced from the Supplier production tooling, representative of each casting mold, forging/forming tool, die or mold cavity, shall be submitted to Buyer for approval. These samples shall be accompanied by a copy of the Supplier's detailed inspection report. When an item includes cored passages, or other dimensioned design features that require sectioning of the part for evaluation, the Supplier shall also submit a sectioned layout sample for

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		Buyer's evaluation. Buyer shall not be responsible for quantity production commenced prior to Buyer's approval of Supplier's tooling/sample part. Buyer acceptance of tooling sample does not constitute acceptance of Supplier's subsequent production.
QC287	Inspection - Casting mold -	(QC287) - Casting Mold Inspection -02/04/2025 - The first casting from each new or modified pattern tooling shall be radiographed in accordance with ASTM E 1742. Radiographs shall be interpreted in accordance with AMS-2175. One (1) complete set of radiographs, one (1) copy of the radiographic technique sheet (in the radiographic lab's own format) and one (1) copy of the radiographic inspection report shall shall be retained by the supplier in accordance with QC108, or more stringent Customer Record Retention Requirements if applicable, and are subject to review at Kearfott's discretion.
QC288	Inspection - Elect(radiographic)	(QC288) - Radiographic Inspection - (Updated 2/4/2025) - The electrical components/parts shall be radiographed and the images interpreted in accordance with the applicable component drawing requirements. One (1) complete set of radiographs and one (1) copy of the radiographic inspection report shall be retained by the supplier in accordance with QC108, or more stringent Customer Record Retention Requirements if applicable, and are subject to review at Kearfott's discretion.
QC289	Furnace time temp -	(QC289) - Furnace Time Temperature Chart - 07/29/2011 - Annealing, heat treating or stress relief drawing requirements shall be documented with furnace time-temperature charts. The charts shall be kept on file, subject to Buyer review.
QC293	C200062041	(QC293) Test data for Dwg C200062041 Notes 1.2.4 through 1.2.7 to be provided.
QC294	Test coupon	(QC294) Supplier shall provide a test coupon which has been processed with the hardware.
QC295	Heat treat -Prior	(QC295) Note 1: Prior to performing heat treat , supplier shall perform visual inspection for burrs, damage, part free of brazing material IAW op. sk. 30, brazing free of pits, voids, cracks, or contamination & overall cleanliness.
QC299	Test Data (Modified tooling) -	(QC299) - Test Data (Modified tooling) - 07/29/2011 - A dimensional inspection report shall be supplied with the shipment of the part. If new or modified tooling is used, Supplier shall contact Buyer and submit the quantity of parts required to build a test stack for tooling certification prior to production of the parts using the new or modified tooling. Buyer shall not be responsible for parts produced prior to Buyer approval of new or modified tooling. Acceptance of tooling does not constitute acceptance of future lots.
QC300	Packaging - O-rings -	(QC300) - Packaging - O-rings - 07/29/2011 - All O-rings supplied to Kearfott Corporation shall be individually packaged. Each package shall have the following information printed on the packaging label: 1) National Stock Number (NSN), 2) military part number, 3) material specification, 4) manufacturer's name, 5) manufacturer's compound number, 6) manufacturer's batch number, 7) Purchase Order number, and 8) cure date.
QC301	Packaging - Laminations -	(QC301) - Packaging - Laminations - Updated 03/27/2018 - Laminations shall be packaged in accordance with specifications noted on the

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		relevant drawing(s). Laminations shall be packaged in stacks with burr side of each Lamination facing the same direction. Cardboard packaging shall be sufficient to restrict movement that could potentially cause surface and/or edge damage to lamination. Under no circumstances shall wire to be used to restrain laminations. Individual containers are to be clearly marked with Buyer's part number.
QC303	Solvent in virgin drums	(QC303) - Solvent in Virgin Drums - 07/29/2011 - Solvent shall be packaged in 55 gallon drums subject to PPP-D-729, Type 1. Cans shall be provided with inner seals as specified in accordance with Appendix PPP-C-96.
QC304	Container - Part # -	(QC304) - Container - Part Number - 07/29/2011 - Each container is to be marked with Buyer's part number.
QC305	MIL-DTL-197L	(QC305) 2/19/2013-Supplier shall provide, with all shipments, written confirmation that parts are preserved, packaged and marked in accordance with MIL-DTL-197L.
QC306	Supplier Self Verification Process	(QC306) - 2/25/2025 - Supplier Self Verification Process - If product verification is delegated to a supplier, the requirements of AS9015 are imposed.
QC307	Electrical Discharge Machining	(QC307) - 2/25/2025 - Electrical Discharge Machining (EDM) iis not permitted for manufacture of parts unless allowed by specific note on the Moog drawing. Requests for exceptions shall be submitted to the buyer.
QC308	Used in Manned Space Flight	(QC308) - 2/25/2025 - Used in Manned Space Flight - Materials, manufacturing and workmanship of the Highest Quality Standards are essential to Astronaut safety. If you are able to supply the desired items with a quality higher than that of the items specified or proposed, you are requested to bring this fact to the immediate attention of the purchaser. This clause is to be inserted in all subcontracts and purchase orders for such items down to the lowest tier.
QC309	Boeing Quality Management System	(QC309) - 2/25/2025 - Boeing Quality Management System - Seller to maintain Quality Management System in conformance to Boeing's D6-82479 Appendix A.
QC310	Boeing Quality Purchase Reqs	(QC310) - 2/25/2025 - Boeing Quality Purchasing Data Requirements - Supplier shall meet the requirements of Boeings Quality Purchasing Data Requirements in document X31764 (available on the internet at http://www.boeingsuppliers.com; Click on Other Quality Requirements and then click on X31764-BCA Quality Purchasing Data Requirements.
QC311	Boeing English Language	(QC311) - 2/25/2025 - Boeing English Language - When specifically requested by Buyer, Seller shall make specified quality data and/or approved design data available in the English language.
QC312	tbd	With each shipment, supplier shall provide a packing slip and/or Certificate of Compliance (C of C) identifying manufacturer and date/lot code. Only one manufactures date/lot code shall be accepted per shipment, per line item.
QC313	Boeing Sellers Subcontractors	(QC313) - 2/25/2025 - Boeing Sellers Subcontractors - Seller shall impose all the aforementioned requirements on Sellers Subcontractors
QC314	Boeing Natural Disaster Occurrence	(QC314) - 2/25/2025 - Boeing Natural Disaster Occurrence - Seller shall promptly notify Buyers Authorized Procurement Representative of any occurrence of natural disaster that diminishes Sellers ability to deliver conforming goods or services.

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QC Number	Description	QC Text
QC315	Boeing Prior Approval of Foreign	(QC315) - 2/25/2025 - Boeing Prior Approval of Foreign Sources - Seller shall not solicit to subcontract, subcontract or otherwise procure, any item or part thereof, ordered hereunder, to or from any non-U.S. subcontractor, supplier, or other source without the prior written approval of Buyer.
QC316	Boeing Change in Process	(QC316) - 2/25/2025 - Boeing Change in Manufacturing Line, Facility Location or Process - Seller shall promptly notify Buyers Authorized Procurement Representative in writing of intended or actual change to manufacturing processes that may affect the quality of delivered goods and services. This includes changes to Sellers and Sellers subcontractors manufacturing facility location for the contracted goods or services, equipment, or processes for which the product was qualified.
QC317	Boeing FOD Requirement	(QC317) - 2/25/2025 - Customer FOD Requirement ¿ 3/6/2025 - The supplier shall implement the control of FOD in accordance with the AS9146 document for Foreign Object Debris/Foreign Object Damage (FOD) Prevention Requirements for suppliers.
QC318	IAW Crane, Inc. Requirements	(QC318) - 2/25/2025 - IAW Crane, Inc. requirements; NO CHANGE TO THE SOURCE OF SUPPLY UNLESS APPROVED BY CRANE,INC. Questions are to be directed to Kearfott Buyer.
QC319	Space Application C of C	(QC319) - 2/25/2025 - NOTE: This item is to be used on the Space application. The following special requirements apply: 1) Reference (QC086) clause-The C of C shall include the manufacturer's Cage Code number. 2) The supplier does not have MRB authority - any non-conformance (except RTV, Scrap, and Rework to drawing) including use-as-is must be approved in writing by Kearfott prior to delivery of product. 3) Supplier shall maintain records of manufacture, inspections and tests - No quality historical records shall be destroyed unless authorized in writing by Kearfott.
QC320	Crane Aerospace Program	(QC320) - 2/25/2025 - Crane Aerospace Program - Supplier must comply with Crane's Supplier Quality Assurance Requirements (40-002), available at http://www.craneae.com/scm/vendors.aspx. Changes from one approved sub-tier supplier to another, within that commodity type requires Crane Aerospace notification.
QC321	Flight Safety Critical	(QC321) - Additional Requirements - NOTE: This part is designated Flight Safety Critical; therefore, parts on this order containing Manufacturing Critical Characteristics (CCs) are to be compliant with QE-STD-1/2. Supplier is to perform self-audits of their frozen planning when that planning applies to Critical Characteristics produced or verified at the suppliers facility. At a minimum, audits will be performed at the start of each production contract, annually and when process changes occur.
QC322	Sikorsky Heat Lot Requirement	(QC322) - 2/26/2025 - NOTE: Documentation shall be provided with shipment that cross references a heat lot number to a serial number for Each item in the shipment. This item for use on Sikorsky aircraft and is part of an item designated as flight safety critical.
QC323	M&P Heat Lot Requirement	(QC323) - 2/26/2025 - Attention Kearfott Incoming Inspector - 1) In addition to the normal labeling that is applied to each bar, the heat lot number shall be identified on the label. A sample piece of

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		this bar stock shall be sent to the M and P lab for verification of the C of A provided by the supplier. 2) Verify that the supplier is certified to AS9100 or AS9120 (look up on ASL tab in IFS).
QC324	Cert to AS9100 or AS9120	(QC324) - 2/26/2025 - Attention Kearfott Incoming Inspector - Verify that the supplier is certified to AS9100 or AS9120 (look up on ASL tab in IFS). If this part is a magnet, inspect all magnets for absence of cracks.
QC325	Segregated By Serial	(QC325) - 2/26/2025 - SUPPLIER SPECIAL INSTRUCTIONS - "ALL MATERIAL MUST BE SEGREGATED BY SERIAL NUMBER AND IDENTFIED ON THE PACKING CONTAINER. UNDER NO CIRCUMSTANCES CAN SERIAL NUMBERS BE CO-MINGLED WITH EACH OTHER. SEPARATE PACKING FOR EACH SERIAL NUMBER MUST BE MAINTAINED AT ALL TIMES. CERTIFICATIONS (C OF C) MUST ALSO INDICATE LOT NUMBER(S) OF MATERIAL. THERE SHALL BE NO CO-MINGLING OF LOTS OF RAW MATERIAL USED TO PRODUCE THE PRODUCT TO BE SUPPLIED TO KEARFOTT."
QC326	Parker Supplier Quality Flowdown	(QC326) - 2/26/2025 - Parker Supplier Quality Clause Flow-down: The following requirements are applicable to all Parker Aerospace products IAW P9112 Purchase Order Clauses - Prohibited Practices (REF: Para 1.3.1). Any changes described therein shall be submitted in writing to Kearfott Buyer for Parker Aerospace approval, 30 days prior to what is needed to achieve on-time delivery. Document may be found at: http://www.parker.com/parkerimages/parker.com/About%20Us/Literature/P9112%20Rev.%20F%202014-10-24.pdf Supplier Change Requests: IAW Parker Purchase Order Clauses - Unauthorized Product Changes or Substitutions (REF: Para 1.3.4). No change or substitutions to any products or services shall be made without written approval from Kearfott Buyer/Parker. See document at: http://www.parker.com/parkerimages/parker.com/About%20Us/Literature/P9112%20Rev.%20F%202014-10-24.pdf
QC327	Flight Safety Parts Program	(QC327) - 2/27/2025 - NOTE: Parts are to be compliant with Sikorsky, Flight Safety Parts Program; Document number ASQR-09.1.
QC328	Parker Hannifin Supplier Quality	(QC328) - 2/27/2025 - Parker Hannifin Supplier Quality Requirement - 06/24/2016 - Suppliers shall not make changes to their processes, location, facilities, equipment, material, product design or source of supply without the written approval from the Kearfott Buyer (who will obtain Parker Hannifin's approval).
QC329	Supplier Furnished Raw Material	(QC329) - 2/27/2025 - 2.4.3 supplier Furnished Raw Material - With each lot of raw material delivered or used to fabricate products on this contract, the supplier shall furnish a ¿Certification/Material Test Report.¿ When more than one heat/lot of raw material is delivered at the same time, each heat/lot of material shall be identified and provide traceability to its Certification/Material Test Report. In the event that more than one heat/lot of raw material was used to fabricate products, the products produced from each heat/lot shall be identified and/or packaged separately to maintain integrity and to provide traceability to the applicable material Certification/Material Test Report. Raw Material from Foreign Sources ¿ Prior to delivery or use of any raw material produced

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		outside the United States, the supplier shall submit a request to the Parker Aerospace Buyer for approval to use the raw material for each Part Number being supplied. Parker Aerospace approval may be contingent on on-site evaluation of the source of the material as well as additional and independent material testing and analysis to determine that the material meets all applicable requirements. Parker Aerospace reserves the right to reject and return to the supplier at supplier¿s expense any raw material, or products made from raw material, when the source that produced the raw material is outside the United States. The supplier shall submit a copy of the Parker Aerospace ¿approved¿ request to use raw material from foreign sources with each delivery of products where the raw material from the foreign source was used. P9112 states, in part (2.4.3, Q320): Raw Material from Foreign Sources ¿ Prior to delivery or use of any raw material produced outside the United States, the supplier shall submit a request to the Parker Aerospace Buyer for approval to use the raw material for each Part Number being supplied.
QC330	IAW PO Requirements	(QC330) - 2/27/2025 - Attention Kearfott Buyer - IAW Customer (IAI) purchase order requirements, a distributor shall be certified to either AS9100 or AS9120.
QC331	M and P Material Verification	(QC331) - 2/27/2025 - Attention Kearfott Incoming Inspector - 1) - Sample pieces from each receipt shall be submitted to the M and P lab for material verification. 2) - Verify the distributor is certified to AS9100 or AS9120 (look up on ASL tab in IFS).
QC332	Sampling Inspection Requirement	(QC332) - 2/27/2025 - Sampling Inspection Requirement - If procured from a non-approved Moog Supplier, Sampling inspection of all attributes shall be performed to ANSI/ASQZ1.4 Level S4; AQL 1.0 with C = Zero.
QC333	Boeing Material Substitution	(QC333) - 3/4/2025 - Boeing Material Substitution Prohibition - Unauthorized material substitutions are not permitted. Seller shall ensure that metallic materials covered by current or obsolete/superseded specifications are produced using the standard industry practices designed strictly for the production of stock to the specified thickness, diameter, width or cross sectional area, achieved by thermos-mechanical processing or casting process. For government specifications and standards canceled after June 1994, Seller and Subcontractors at all tiers shall use the last active revision of the canceled specification and standard until an acceptable replacement is included in the requirements of this Contract. The substance of this Article shall be flowed in all subcontracts at every tier
QC334	ATK Additional Requirements	(QC344) - 2/27/2025 - Additional Requirements - NOTE: All special process suppliers used in the performance of this purchase order shall be approved by ATK. If the supplier elects to utilize special process sources other than those on buyer's approved supplier list, the supplier shall provide evidence of approval by another ATK aerospace facility or perform a survey using a survey questionnaire acceptable to ATK and forward it to the buyer for approval. The supplier shall have required approval(s) in place at the time of hardware processing.
QC335	GSI Inspection	(QC335) - 2/27/2025 - NOTE: The Supplier is to provide objective evidence of GSI inspection.
QC336	Adhesion Test	(QC336) 2/27/2025 - Adhesion test shall be

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		performed on at least one roll of tape in each lot received. (This requirement only applies if on dwg.)
QC337	Heat Treat Chart	(QC337) - 2/27/2025 - Attention Supplier - A copy of the heat treat chart from the annealing operation shall be included in the data pack for each shipment.
QC338	Gas Cylinder Labeling	(QC338) - 2/28/2025 - Label each cylinder with buyers part number and purchase order.
QC339	Procurement Control Drawing	(QC339) - 2/28/2025 - Only items described on dwg are approved for use in the applications specified hereon. A substitute item shall not be used without prior approval by Moog Inc., East Aurora, NY. (This requirement only applies if on dwg.)
QC340	Leonardo Special Process	(QC340) - 2/28/2025 - Kearfott shall use only those special process vendors who have been approved by Leonardo Electronics Inc, or where applicable, the customer of Leonardo Electronics (dependent on project) for any special processes required for items on this Purchase Order. This includes, but are not limited to soldering, chromate, conversion, heat treatment, penetrant flaw detection,passivation and anodizing. If further information is required on Special Processes or vendors who have Special Process approvals, please contact Leonardo Electronics Inc
QC341	Textron Special Processes	(QC341) - 2/28/2025 - Special Process - Textron Aviation (QC380) - Special Process - Textron Aviation - Suppliers must be authorized by Textron Aviation SCQA to perform special processing on Textron Aviation designed product. Listings of both special processes that require approval and suppliers approved for special processing is available at ww2.txtav.com/Supplier/. Special processors shall maintain a quality management system that is compliant to AS9100 or accredited to AC7004 ¿ Nadcap Audit Criteria for Quality Management System. Facilities which perform special processing shall achieve and maintain Nadcap accreditation in the following disciplines:
QC342	Mechanical Torque Data	(QC342) - 2/28/2025 - NOTE: Mechanical torque for all units is to be performed at 100%. Test data results to be included with product shipped to Kearfott.
QC343	BOEING REQUIREMENTS EDDY CURRENT	(QC343): Boeing Requirements: Updated 3/18/2025 - Seller to conform to BDS requirements: D6-82479, D607, H202, and H602. A copy of these documents can be found at this link: https://www.boeingsuppliers.com/become/terms/clause-index
QC344	BOEING REQUIREMENTS SLAM	(QC344): Boeing Requirements: Updated 3/18/2025 - Seller to conform to BDS requirements: D6-82479, D607, H202, and H602. A copy of these documents can be found at this link: https://www.boeingsuppliers.com/become/terms/clause-index
QC345	BOEING REQUIREMENTS APACHE	(QC345): Boeing Requirements: Updated 3/18/2025 - Seller to conform to BDS requirements: D6-82479, H202, and H602. A copy of these documents can be found at this link: https://www.boeingsuppliers.com/become/terms/clause-index
QC346	Boeing Supplemental Special Tooling	(QC346) - 6/5/2025 - Supplemental Special Tooling, Special Test Equipment, and Equipment Requirements. Seller shall maintain a special tooling management process that complies with the requirements found in document D950-11059-

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		1. Buyer reserves the right to conduct surveillance at Seller's facility to determine whether Seller's special tooling management process meets the requirements of this clause. A copy of Boeing¿s document D950-1109-1 associated documents can be obtained at the following URL or are available through Kearfott¿s Authorized Procurement Representative. https://www.boeingsuppliers.com/quality.html#/digital
QC347	Solderability Testing - Lockheed	QC347 - Solderability Testing - Lockheed Martin - 06/16/2025- Solderability shall be performed by the seller (or by a capable test facility of the seller's choice). Testing shall be performed using the latest revision of J standards available at the execution of this Purchase Order. Devices utilized for Solderability testing shall be segregated from the lot and not be delivered to the Buyer. Seller shall include test report for solderability testing with each shipment which states that testing has been performed and result is acceptable. This test report shall include: 1. Buyer Purchase Order and Line Item Number 2. Part Number(s) 3. Date Code(s) and/or Lot Number(s) 4. Quantity Tested 5. Specify Pre-condition Type and Exposure Parameter 6. Name of the Testing Facility if different from the Manufacturer 7. Testing Date 8. Signature and Title of an Authorized Seller's Representative NOTE: Seller shall contact the Buyer's Procurement Representative should the material fail solderability testing.
QC348	Moog Safety	(QC348): Moog Safety: Updated 6/17/2025 - Suppliers shall communicate to their employees and their sub-tier suppliers the impact of their work on Moog product conformity, and their contributions to product safety. Products and services suppliers provided to Moog are typically used in mission critical applications where supplier product conformity can have an impact on the safety and well-being of people. It is incumbent upon the supplier to communicate this to their employees, and to their sub-tier suppliers to ensure the appropriate level of action and control. For use in Manned Space Flight. Materials, manufacturing and workmanship of the Highest Quality Standards are essential to Astronaut safety. If you are able to supply the desired items with a quality which is higher than that of the items specified or proposed, you are requested to bring this fact to the immediate attention of the purchaser. This clause will be inserted in all subcontracts and purchase orders for such items down to the lowest tier.
QC349	Boeing Requirements	(QC349): Boeing Requirements: Updated 6/17/2025 - Seller to conform to BDS requirement D607 and H202. A copy of these documents can be found at this link: https://www.boeingsuppliers.com/become/terms/clause-index
QC350	Multi-Lot shipments	(QC350) - 7/13/2026 - Supplier shall not mix manufacturing lots or batches within individual containers. Multiple lots within a shipment are permitted only when each lot is packaged separately, clearly identified, and supported by traceable documentation corresponding to the applicable lot. Prior written Buyer approval is required for any deviation from this requirement.

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QC351	USMCA - COO	(QC351) - 7/28/2026 - USMCA Certification of Origin: For items identified by Kearfott as subject to USMCA requirements, Supplier shall provide a completed USMCA Certification of Origin containing all information required under the United States-Mexico-Canada Agreement, including the applicable origin criterion and Harmonized Tariff Schedule (HTS) classification. Supplier shall promptly notify Kearfott of any change that affects the product's USMCA qualification or certification status.
QC380	Additional Requirements	(QC380) - Additional Requirements - 07/29/2011 - The following additional requirements shall apply to this Purchase Order: _____
QC381K	AS9100 ISO 9001	(QC381K) -Updated 04/13/2018- Suppliers, Distributors and Sub-tiers shall be certified to AS9100 or AS9120 or ISO9001 requirements. Higher-level Contract Quality Standard, FAR 52.246-11 applies.
QC382K	AS9100 CERTIFIED	(QC382K) -Updated 04/13/2018- Suppliers, Distributors and Sub-tiers shall be certified to AS9100 or AS9120 requirements. Higher-level Contract Quality Standard, FAR 52.246-11 applies.
QC389K	Conduct at Subcontractor	(QC389K) - Right of Access Clause - Updated 5/14/2019 - Kearfott, their customer, and regulatory authorities reserve the right to access the applicable areas of facilities and to applicable documented information, at any level of the supply chain to determine conformance with the requirements of this purchase order.
QC399	Internal	(QC399) All documentation to be forwarded with parts to heat treat supplier.
QC400	Incoming notes	(QC400) - Incoming Notes - 07/29/2011 - Attention: Incoming Inspection - Documents with a Government Source Inspection stamp imprint are to be scanned and then e-mailed to the local DCMA representative.
QC401	Incoming notes (cust) -	(QC401) Kearfott Incoming Inspection personnel - 08/09/2019 This is customer supplied material. Inspect for shipping damage and completeness in accordance with ASPP 1223 and associated I&TI.
QC403	Incoming notes (same as cust)	(QC403) - Incoming Notes (Same as Customer) - 07/29/2011 - Buyer Incoming Inspection: Process this material the same as customer supplied material, with the following limitation: limit inspection to verification that the item(s) is not damaged and that the quantity is correct.
QC404	Incoming notes (paperwork)	(QC404) Note: All paperwork received from brazing supplier shall be forwarded with parts after heat treat.
QC405	SUPPLIER AS9100/ISO9001 REQU	(QC405) - 09/09/2025: Suppliers, Distributors and Sub-tiers shall be compliant to AS9100 or AS9120 or ISO9001 requirements. Higher-level Contract Quality Standard, FAR 52.246-11 applies.
QC469A	Eng/Dwg revision of "N/R" -	(QC469A) For Purchase Orders citing an Eng/Dwg revision of "N/R", the Supplier shall supply only the latest revision at date of order found at: http://global.ihs.com/ and record the result on the C of C. Supplier's failure to record the latest revision to which parts were manufactured on the C of C will be sufficient cause for product return. (NOTE: "N/R" is not an acceptable revision designation for these parts.)
QC469K	Eng/Dwg revision of "N/R" -	(QC469K) - Eng/Drawing Revision of "N/R" - 01/29/2018 -Whenever the Purchase Order cites an engineering document and/or drawing of a MIL-STD, ASTM, or other industry or government standard part or process with a revision of "N/R", the Supplier shall provide only the latest revision

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		at date of order.
QC470	Group II procurement	(QC470) This is a Group II Procurement in accordance with MIL-STD-1535.
QC471	Combined 01,08,11	(QC471): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC472	Combined 01,11	(QC472): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC473	Combined QC115, 116, p046k	(QC473) (QC115) - FAR 52.225-1- 07/29/2011 - Unless otherwise authorized in writing by the Buyer, the Supplier shall comply with Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act, and with Defense Federal Acquisition Regulation (DFAR) 225.003(10), Qualifying Country. The Supplier shall also comply with DFAR 252.225-7008, Restriction on Acquisition of Specialty Metals and DFAR 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals. (QC116) - Flow Down - 07/29/2011 - The Supplier shall include all necessary flow down Purchase Order and quality requirements in its purchase order to its sub-tier suppliers to ensure conformity with all design, manufacturing, inspection, testing and documentation requirements under this Purchase Order. In addition to the above, the Supplier shall notify the Buyer in writing within five (5) business days in the event of changes to any of the following pertaining either to the Supplier or to the Supplier's key sub-tier suppliers: 1) senior company management, 2) location of office or manufacturing facilities, 3) company ownership, 4) quality system status (for example - ISO 9001 registration status or disapproval by DCMA), 5) controlled process certification status, and 6) comprehensive revision to its quality manual and/or procedures. Failure to provide notification may result in termination of the Purchase Order for cause at the sole discretion of the Buyer. (P046K) All material covered by this PO requires certification as to the country in which it is manufactured. Buyer's enclosed Form A1064C dated 11/94 or equivalent must be completed and returned to the Buyer within 10 working days. The form may be viewed or printed in its entirety by accessing Kearfott's web site at www.kearfott.com and click on the site menu item entitled "Supplier Resources".
QC474	Combined QC040, 096, 078	(QC474) (QC040) The "Delivery Schedule"

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		negotiated for each item ordered hereunder, as set forth above, is firm unless adherence to a modified or accelerated schedule is authorized by the Buyer in writing, or unless other provisions of this order request delivery in advance of the negotiated schedule. Seller shall not deliver products in advance of the negotiated "delivery schedule". In the event of unauthorized early delivery, payment by Kearfott Corporation shall be based upon, and any discount period shall begin to run from the date specified for delivery of the products per the "Delivery Schedule". (QC096) By acceptance of the Purchase Order, the Supplier certifies as of the time of the award the Company or its Principals is not debarred, suspended or proposed for debarment by the Federal Government and if so notifies Kearfott Corporation in writing of actions pending. (QC078) If this purchase order is identified as a rated order certified for national defense use, you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CFR 700).
QC475	Combined 01,04,11	(QC475): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC476	Combined 01,11	(QC476): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC477	Combined 01,02,11	(QC477): (Group) e Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC478	Combined 01,02,04,11	(QC478): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current

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		revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC479	Combined 01,02,11	(QC479): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC480	Combined 01,	(QC480): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required.
QC481	Combined 01,02	(QC481): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase.
QC483	Combined 01,02	(QC483): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase.
QC484	Combined 01,20A,21A	(QC484): (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (P021A) Nonconforming Product/Process Change/Subtier flow down note supplier shall see the Astronautics website www.Astronautics.com for the requirements for notification/approval of non conforming product; of product/process change and flow down to subtier supplier applicable requirements. (P020A) Substitute exemption certificate-WIS. ADM. Code Tax 11.14. Astronautics Corporation of America hereby claims an exemption from sales tax on this purchase based upon the proposed exempt used as: Tangible personal property becoming an ingredient or component part of an article of tangible personal property in any form destined for sale.
QC485	Combined QC086, QC121 -	(QC485) ----- (QC086) - Certificate of Compliance (C of C) - Updated 6/3/2019 - The Supplier shall submit a C of C, in the Supplier's own format, to certify that the materials and processes for the Purchase Order meet all of the drawing/specification requirements. The C of C shall include the following: 1) Name and address of the Supplier

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QC Number	Description	QC Text
		2) Quantity 3) Buyer's Purchase Order number 4) Buyer's part number and revision level as specified on the Purchase Order 5) Statement of Resubmission of Reworked Material: all items rejected by Buyer, returned to Supplier and subsequently resubmitted to Buyer for acceptance, shall be indicated on the C of C 6) Serial and/or lot number(s) and/or date code 7) Certification signature by the responsible Quality or Supplier Representative, the Representative's title and the date signed (electronic signature acceptable) NOTE: For Inter-Company Orders Only - Material shall be accompanied by either a Configuration Verification and Accept Event Form (F5014) for Kearfott Corporation, Guidance & Navigation Division, or an Accept Event/Work Output Ticket (CGF5.3.1) for Kearfott Corporation, Motion Systems Division.- (QC122) - Limited Shelf Life Identification and Requirement - Updated 05/13/2019 - The Supplier shall identify any materials that have definite characteristics of quality degradation with age and/or exposure to certain environments. Supplier shall print the following information, at a minimum, on the lowest order of packaging for such material: 1) shelf life of the material 2) manufacturer's name and/or logo 3) Buyer's part number and/or Supplier part number, as applicable 4) batch or lot number 5) date of manufacture and/or cure date 6) required or recommended storage temperature 7) special operating or storage instructions to the extent that such affects the life of the material. Materials shall have no less than 90 days shelf life remaining at time of shipment.
QC488	Combined QC084, 259, 266 -	(QC488) -(QC084) The C of C (or other referenced document) shall list all applicable drawings/specifications noted on the P.O. and the revision utilized to manufacture the product to be delivered to Astronautics/Kearfott. When a superseded specification is used, the association between the originally noted document and the current document must be noted on the C of C. In the event that an additional specification is referenced within the document denoted on the purchase order/drawing, the association to the subsequent specification must be reflected in the certification package. A correlation must be evident. All records of sub-tiers suppliers/manufacturers documents/certification shall be available for review upon request for a minimum period of five years unless otherwise specified. (QC259) Revision Verification and Document Retention - 9/10/2026 - The Supplier shall be responsible to verify that they are working to the latest drawing revision and applicable revision notices as specified on the Purchase Order. It is also the responsibility of the Supplier to verify that they are working to the revision level(s) of all referenced government, military, and industry specifications listed on the Purchase Order, engineering documentation, and/or drawings at the time of acceptance through Approved Specification Vendors. Suppliers shall also reference https://www.kearfott.com/support/supplier-resources/ for applicable specifications revisions.

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		The Certificate of Compliance (C of C), or other referenced document, shall list all applicable drawings/specifications, with their applicable revision(s), that were used to manufacture the product to be delivered to Buyer. (QC266) (9/9/2011) Non-conforming product (made from Kearfott supplied material) and or test samples used in destructive test are to be identified and packaged separately with product shipped to Kearfott. Non-Conformances: The supplier shall immediately submit a written report to Kearfott Buyer, disclosing any non-conformance discovered in any product after shipment to Kearfott. Kearfott Buyer shall forward report to Quality Assurance Manager.
QC489	Combined QC275, 086 -	(QC489) ---Group---- (QC275) - Supplier Quality System - 11/09/2015 - The Supplier shall maintain a Buyer approved Quality System. The Quality System shall include, but is not limited to, the following: Contract Review; Document and Data Control; Product Identification and Traceability; Process Control; Control of Inspection, Measuring and Test Equipment; Inspection and Test Status; Control of Nonconforming Product; Handling, Storage, Packaging, Preservation and Delivery; and Control of Quality Records. The Supplier is not authorized to make Material Review Board (MRB) decisions on products manufactured in accordance with the Purchase Order. Supplier shall notify Buyer of any nonconformance by submitting a Material Review Report (MRR) Form (CGF3622), which can be obtained from Buyer. (QC086) - Certificate of Compliance (C of C) - 07/29/2011 - The Supplier shall submit a C of C, in the Supplier's own format, to certify that the materials and processes for the Purchase Order meet all of the drawing/specification requirements. The C of C shall include the following: 1) Name and address of the Supplier. 2) Buyer's Purchase Order number. 3) Buyer's part number and revision level as specified on the Purchase Order. 4) Statement of Resubmission of Reworked Material: all items rejected by Buyer, returned to Supplier and subsequently resubmitted to Buyer for acceptance, shall be indicated on the C of C. 5) Serial and/or lot number(s) and/or date code. 6) Certification signature by the responsible Quality or Supplier Representative, the Representative's title and the date signed (electronic signature acceptable).
QC493	Combined QC304, 083, 160, 009	(QC493) --- (QC304) - 07/29/2011 - Each container is to be marked with Buyer's part number. (QC083) A copy of the manufacturer's Certificate of Compliance shall be included with the shipment. (QC160)- 07/29/2011 - ANSI/ESD S20.20 Electrostatic Discharge Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment applies to this Purchase Order. (QC009) - 07/29/2011 - Handling procedures for the protection of electronic components that are sensitive to moisture (for example, plastic encapsulated items) shall be in accordance with J-STD-020 and J-STD-033.
QC494	Combined QC249, 104, 084	(QC494) ---(QC249) 07/29/2011 - Supplier shall provide, with each delivery to Buyer, test coupons for the evaluation of printed wiring boards or flex

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		tape assemblies in accordance with the following requirements (as applicable): 1) Buyer's drawing and/or Supplier's drawing. 2) MIL-PRF-31032. 3) IPC-6013. 4) Additional tests specified by the Buyer and included on the Purchase Order or its attachments. The test coupons shall be a representation of the part(s) supplied and marked with the part number(s), serial number(s), date code(s) and panel traceability number(s). (QC104) - 07/29/2011 - The Supplier shall complete a First Article Inspection (FAI) to the latest revision of all Buyer drawing requirements (dimensions and notes). The FAI data shall accompany the first lot of material shipped against this order, including all physical characteristics, performance requirements and all related certifications. This data shall be documented on an AS9102 FAI Report or equivalent. NOTE: FAI Report status is subject to update if the interval between production runs or last FAI Report submission exceeds 2 years. The AS9102 Form is available at: http://www.sae.org. (QC084) The C of C (or other referenced document) shall list all applicable drawings/specifications noted on the P.O. and the revision utilized to manufacture the product to be delivered to Astronautics/Kearfott. When a superseded specification is used, the association between the originally noted document and the current document must be noted on the C of C. In the event that an additional specification is referenced within the document denoted on the purchase order/drawing, the association to the subsequent specification must be reflected in the certification package. A correlation must be evident. All records of sub-tiers suppliers/manufacturers documents/certification shall be available for review upon request for a minimum period of five years unless otherwise specified.
QC496	Combined QC259, QC108, QC266	(QC496) -(QC259) Revision Verification and Document Retention - 9/10/2026 - The Supplier shall be responsible to verify that they are working to the latest drawing revision and applicable revision notices as specified on the Purchase Order. It is also the responsibility of the Supplier to verify that they are working to the revision level(s) of all referenced government, military, and industry specifications listed on the Purchase Order, engineering documentation, and/or drawings at the time of acceptance through Approved Specification Vendors. Suppliers shall also reference https://www.kearfott.com/support/supplier-resources/ for applicable specifications revisions. The Certificate of Compliance (C of C), or other referenced document, shall list all applicable drawings/specifications, with their applicable revision(s), that were used to manufacture the product to be delivered to Buyer. (QC266) Text Updated 06/13/19 - The Supplier is not authorized for the review or disposition of nonconforming outputs manufactured in accordance with the Purchase Order. Notification of all nonconforming outputs through submittal of a Material Review Report (MRR) CGF 5.4.5 is required. Notification is required within one working day from discovery of nonconforming or

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		suspected nonconforming outputs that have been released to Kearfott (including sub-tier supplier outputs) through submittal of a Non-Conformance Disclosure Report (Post Delivery) CGF 4.3.1. Forms are located on the Kearfott web page (www.kearfott.com, click on Support/Supplier Resources). Nonconforming product (made from Kearfott supplied material) and or test samples used in destructive test are to be identified and packaged separately with product shipped to Kearfott. (QC108) - Records - 10 years - 07/29/2011 - Records of manufacture, inspection and testing shall remain on file with the Supplier for a minimum of ten (10) years from the date of final shipment under this Purchase Order.
QC497K	Combined QC380,081K,078K,079K	(QC497K) (QC380) - Additional Requirements - 07/29/2011 - The following additional requirements shall apply to this Purchase Order: _____ (QC079K) 9/19/2011 - The supplier shall provide electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors. If supplying assemblies, the assemblies shall contain electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors. (QC081K) 9/19/2011 - Certificate of Conformance documentation from the Original Manufacturer shall be delivered with each lot/shipment. (QC078K) 9/19/2011 - The supplier shall submit to Kearfott for approval any deviation (use of parts procured from unauthorized or non-franchised distributors), along with data demonstrating proper Counterfeit Parts Mitigation in accordance with SAE AS5553, prior to use.
QC498K	Combined QC380,080K,078K,079K	(QC498K) (QC380) - Additional Requirements - 07/29/2011 - The following additional requirements shall apply to this Purchase Order: _____ (QC079K) 9/19/2011 - The supplier shall provide electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors. If supplying assemblies, the assemblies shall contain electrical and mechanical components procured from the Original Manufacturer or the Original Manufacturer's authorized/franchised distributors. (QC080K) 9/19/2011 - Certificate of Conformance documentation from the Original Manufacturer (if available) shall be delivered with each lot/shipment. (QC078K) 9/19/2011 - The supplier shall submit to Kearfott for approval any deviation (use of parts procured from unauthorized or non-franchised distributors), along with data demonstrating proper Counterfeit Parts Mitigation in accordance with SAE AS5553, prior to use.
QC500K	Combined QC233, QC109	(QC500K) - 2/8/2013 - (QC233) - Honeywell SPOC Manual Group-003 - 07/29/2011 - Supplier shall comply with the latest revision of Honeywell Supplemental Purchase Order Condition (SPOC) Manual, Group-003 (less SPOC Numbers: 140,142, 239, and 267). Please visit the Honeywell Supplier Portal at: http://www.supplier.honeywell.com for access to these provisions. Any questions regarding SPOC requirements or registration shall be directed to

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		the Buyer. (QC109) - Records for Honeywell - indefinitely - 07/29/2011 - In accordance with Honeywell Corporation requirements, all manufacturing, inspection, testing and other documentation supporting the fabrication process shall be retained indefinitely by the Supplier.
QC504	Combined 01,02,08	(QC504): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC505	Combined 01,02,08,11	(QC505): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail.
QC506	Combined 01,08	(QC506): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC507	Combined 01,02,08	(QC507): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase.
QC508	Combined 01,02,04	(QC508): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current

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QC Number	Description	QC Text
		revision at time of Purchase.
QC601	Combined 006, 076A	(QC601): (Group) (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101.
QC603	Combined 006, 063, 076A, 077,	(QC603: (Group) (QC001) A legible Certificate of Compliance and Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101. (QC063) (2/27/2013) - Electronic assemblies shall meet the workmanship requirements of J-Std 001 Class 3. Current revision at the time of purchase. (QC077) Test data required to validate against counterfeit parts required when manufacturer traceability and CoC's are not provided.
QC604	Combined 603, 042,680, 121	(QC604: (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033.

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QC Number	Description	QC Text
		Current revision at time of purchase. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101. (QC063) (2/27/2013) - Electronic assemblies shall meet the workmanship requirements of J-Std 001 Class 3. Current revision at the time of purchase. (QC077) Test data required to validate against counterfeit parts required when manufacturer traceability and CoC's are not provided. (QC042) FAA Form 8130 Required (QC121) - Limited Shelf Life (75%) - 7/29/2011 - The Supplier shall identify any materials or items which have definite characteristics of quality degradation due to age and/or environment or are otherwise defined as having a limited shelf life.
QC605	Combined 01, 011, 121	(QC605): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC011) In the event of inconsistency between the suppliers referenced part number and the requirements defined on the Astronautics Corporation of America part number drawing being ordered, the latter shall prevail. (QC121) - Limited Shelf Life (75%) - 7/29/2011 - The Supplier shall identify any materials or items which have definite characteristics of quality degradation due to age and/or environment or are otherwise defined as having a limited shelf life. These items shall be labeled to clearly identify, at a minimum, the following information on the lowest order of packaging: 1) Manufacturer's name and/or logo. 2) Buyer's part number and/or Supplier's part number, if applicable. 3) Batch or lot number. 4) The date of manufacture and/or cure date. 5) Required or recommended storage temperature. 6) Special operating or storage instructions to the extent that such affects the life of the material. Upon delivery to Buyer, the remaining shelf life of the material shall be at least 75% of the total shelf life as defined in the Purchase Order.
QC606	Combined QC606, 019, 050, 052, 053	(QC606) Group (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101. (QC050) Supplier shall send a copy of the "Final Inspection Report" to Astronautics. (QC053) Packaging shall be in accordance with Astronautics Spec ES2702.
QC607	Combined 478, 076a, 077	(QC607): (Group)

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QC Number	Description	QC Text
		(QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101. (QC077) Test data required to validate against counterfeit parts required when manufacturer traceability and CoC's are not provided.
QC608	Combined 01,11,88,117,151	(QC608): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC088) Manufacturer date and/or shelf life must be marked on the Certificate of Compliance. Materials must have at least 3/4 to maximum usable shelf life when received at Astronautics. (QC117) - Safety Data Sheet (SDS) - Supplier is obligated to submit to Buyer a SDS for materials on the Purchase Order in accordance with the Code of Federal Regulations 29 CFR 1910.1200 (Hazard Communication Standard). All shipments shall be properly labeled in accordance with 29 CFR 1910.1200. (QC121) - Limited Shelf Life (75%) - 7/29/2011 - The Supplier shall identify any materials or items which have definite characteristics of quality degradation due to age and/or environment or are otherwise defined as having a limited shelf life. These items shall be labeled to clearly identify, at a minimum, the following information on the lowest order of packaging: 1) Manufacturer's name and/or logo. 2) Buyer's part number and/or Supplier's part number, if applicable. 3) Batch or lot number. 4) The date of manufacture and/or cure date. 5) Required or recommended storage temperature. 6) Special operating or storage instructions to the extent that such affects the life of the material. Upon delivery to Buyer, the remaining shelf life of the material shall be at least 75% of the total shelf life as defined in the Purchase Order.
QC609	COMBINED 01,02, 076a	(QC609): (Group) (QC001) A legible Certificate of Compliance and/or Packing List that includes the manufactured part number, PO number, and certifying signature is required. (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101.

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QC Number	Description	QC Text
QC610	Combined 06, ,076a,	(QC610): (Group) (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101.
QC611	Lot Traceability Control	(QC611): With each shipment supplier shall provide a packing slip and/or Certificate of Compliance (COC) containing each serial number and manufacturer.
QC613	Lot Traceability Control	(QC613) : With each shipment, supplier shall provide a packing slip and/or Certificate of Compliance (C of C) identifying manufacturer and date/lot code. Only one manufactures date/lot code shall be accepted per shipment, per line item.
QC615	Counterfeit Material	QC615 Counterfeit Material: Astronautics hereby requires that the supplier shall ensure parts undergo and pass Level A1-A6 and Level C functional testing as specified in table 1 of AS6081. If directed, Thermal Cycling to the OEM/OCM specifications shall also be undertaken and passed. All tests shall be completed and documented by an approved outsourced or in-house laboratory test facility. The test plan shall be reviewed and approved by Astronautics Quality Control as part of releasing the PO for approval. The test facility shall not ship parts to Astronautics until Astronautics has notified supplier, in writing, to ship parts, after reviewing the relevant test data has been completed. Astronautics Quality Control will review and approve the test data results prior authorizing the shipment. Parts shall be shipped from the test facility directly to Astronautics, and shall not be shipped back to supplier. The supporting test documentation for the above tests shall be provided to Astronautics with each shipment. If the supplier provides multiple date/lot codes; each date/lot code shall be tested in accordance to the above process and utilizing sample sizes defined in AS6801 Table 1. Astronautics requests the supplier list all date/lot code information on the supporting test documentation.
QC616	Group QC002, QC004, QC008, QC011, Q	(QC616): (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time (QC004) Parts must meet the solderability requirements and testing of J-STD-002. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. (QC011) In the event of inconsistency between the suppliers referenced part number and the requirements defined on the Astronautics Corporation of America part number drawing being ordered, the latter shall prevail. (QC613) : With each shipment, supplier shall provide a packing slip and/or Certificate of

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QC Number	Description	QC Text
		Compliance (C of C) identifying manufacturer and date/lot code. Only one manufactures date/lot code shall be accepted per shipment, per line item.
QC617	Leader for Tape and Reel	(QC617) All components packaged in the form of Tape and Reel shall have, at minimum, a 7-inch leader attached to the leading edge of the carrier tape.
QC618	ASTRO COC	Astronautics Corporation of America requires that the supplier, Astronautics CA Ltd. shall provide a Certificate of Conformance in compliance with the Astronautics CA Ltd. Certificate of Conformance Process QCOI 053.
QC619	Amphenol Request QD111	(QC619) Amphenol Request QD111 shall apply to this Purchase Order
QC620	FOD Prevention	(QC620) The supplier shall have a Foreign Object Damage (FOD) Prevention Program similar to AS9146 Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space, and Defense Organizations.
QC621	Combined QC623; QC620: QC 610; QC61	(QC621 Combined): (QC613) : With each shipment, supplier shall provide a packing slip and/or Certificate of Compliance (C of C) identifying manufacturer and date/lot code. Only one manufactures date/lot code shall be accepted per shipment, per line item. (QC620) The supplier shall have a Foreign Object Damage (FOD) Prevention Program similar to AS9146 Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space, and Defense Organizations. (QC610): (Group)- (QC002) All static sensitive parts must be handled and packaged in accordance with the requirements of EIA-STD-625. Current revision at time of purchase. (QC004) Parts must meet the solderability requirements and testing of J-STD-002. Current revision at time of Purchase. (QC008) Handling, packaging, and labeling of moisture sensitive components shall be compliant with IPC/JEDEC J-STD-020 and J-STD-033. Current revision at time of purchase. (QC011) In the event of inconsistency between the suppliers referenced part number and the Requirements defined on the Astronautics Corporation of America part number drawing being ordered, the later shall prevail. (QC076A) (4/25/2012) - Supplier shall mitigate counterfeit part risk in accordance with SAE AS5553 or SAE AS6081 or CCAP-101. (QC617) All components packaged in the form of Tape and Reel shall have, at minimum, a 7-inch leader attached to the leading edge of the carrier tape.
QC623	CoC Components	QC623: With each shipment, supplier shall provide a packing slip and/or Certificate of Compliance (C of C) identifying manufacturer and date/lot code.
QC624	Material Cert - Base Aluminum	QC624: Aluminum Material 6061-T6, T651, T6511 on received product must meet drawing requirements exactly - No substitutions allowed. Material Certification must be submitted to Purcheser upon product receipt.
QC625	AL Material Certification Required	(QC625) Aluminum material certification with alloy, temper, and certifying specification identified is required with shipment for each lot.
QC626	Chem Film Material Cert Required	(QC626) Chemical Film material certification with class, type, and ceritifying specification identified is required with shipment for each lot.

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QC Number	Description	QC Text
QC627	Systems Note - Packaging	(QC627) Units shall be packaged individually with paperwork included.
QC628	Systems Note - Paperwork	(QC628) Certifying paperwork shall be provided for each unit, with only one serial number identified per certification.