

QR1 Material Test Reports: A legible copy of material test reports shall accompany each shipment. Test reports shall be identified with specification number and heat and/or cure lot number and cure date, as applicable. Chemical and physical test reports shall include actual numerical values for each property tested in accordance with the applicable specification. When more than one specimen is required, test results of each are required on the report. Specification and revision shall be shown on each test report furnished. Specification and revision shall be to the latest release.

QR2 Certified Test Data: A legible copy of certified test data shall accompany each shipment of material, parts, or assemblies. Tests shall be identified with specification number and heat and/or cure lot number. Chemical and physical test data shall include actual numerical values for each property tested in accordance with the applicable specification. Specification and revision shall be shown on each report furnished. Specification and revision shall be to the latest release.

QR3 Certificate of Conformance: Each shipment shall be accompanied by a legible copy of a Certificate of Conformance with the signature of responsible representative stating material, process, or article being shipped meets requirements of applicable drawing or specification cited in Purchase Order. Supplier shall include date of manufacture on the Certificate of Conformance. For Boeing product, suppliers shall ensure that (A) parts and/or materials were produced under federal aviation administration approved manufacturing and quality control systems/methods as set forth in FAA production certificate NO. 700 issued to The Boeing Company and (B) such parts and/or materials are new and in airworthy condition. Specifications and revision shall be to the latest release unless otherwise noted.

QR4 First Article Inspection: A First Article Inspection (FAI) in accordance with SAE AS9102, of one part, randomly selected from the first manufacturing lot of each part number, shall be conducted and documented by the Supplier. The actual value of each drawing attribute shall be recorded, including drawing notes, specified processes, functional tests, and laboratory requirements, as applicable. Subsequent FAI's (Delta FAI's) shall be performed if there is any change in tooling (rework, modification or replacement), manufacturing methods, equipment utilized or personnel performing the work. Engineering drawing revisions shall require the generation of Delta FAI's to document the differences between the new and previous FAI. A new FAI shall be accomplished on a randomly selected part from the first lot produced if there is a lapse in the manufacturing cycle of two (2) years.

QR5 Report of Discrepancy: Any departure from drawing specifications or other Purchase Order requirements shall be documented by the Supplier and submitted to Imaginetics LLC, within 24 hours for consideration and approval of any non-conforming disposition. A copy of the dispositioned document shall accompany each affected shipment.

QR6 Traceability/Lot and Batch Control: Supplier shall maintain lot and batch control of raw materials and details to purchased items through the use of lot, batch, serial number, or date of manufacture, as applicable, for all items in the shipment.

QR7 Quality Assurance Records Retention: Supplier shall retain manufacturing planning, all certifications, first article inspection (FAI) reports and test reports required to assure that commodity conforms to the contractual and technical requirements of the Purchase Order for a minimum of the calendar year + 10 years from the date of shipment under each applicable order for all product/part numbers unless otherwise specified on the purchase order. At the expiration of any applicable period set forth above and prior to any disposal of records, Supplier will notify Imaginetics LLC of records to be disposed of and Imaginetics LLC reserves the right to request delivery of such records. In the event Imaginetics LLC chooses to exercise this right, Supplier shall promptly deliver such records to Imaginetics LLC at no additional cost on media agreed to by both parties.

QR8 Identification: Unless otherwise specified by Purchase Order, parts, assemblies and components shall be identified per the engineering drawing and marked with the date of manufacture. When identification is not specified on the engineering drawing, the product shall be identified with the part number specified on the Purchase Order. When items are too small to be easily identified, parts may be bagged or tagged, with the

proper identification indicated on the bag or tag. Raw material procured to Federal, Military, Aerospace or other specifications shall be marked per the identification specification, which is referenced in the controlling specification.

QR9 Imaginetics LLC, Furnished Materials: Parts or assemblies manufactured from Imaginetics LLC, furnished material shall be accompanied by a Certificate of Conformance, stating that the parts and/or assemblies were produced from Imaginetics LLC, furnished material(s). The Certificate of Conformance shall be identified with the part number and the Supplier's lot number, material manufacturer's name and material certification number, if drop-shipped from the material manufacturer to the Supplier. The Certificate of Conformance shall be identified with the Imaginetics LLC, packing slip number if shipped from Imaginetics LLC.

QR10 Approved Processor Requirements: A legible copy of all special process certifications shall accompany each shipment of material, parts, or assemblies. Special processes shall only be performed by customer-approved sources.

QR11 Boeing Approved Vendors: All special processes for details and assemblies built per Boeing drawings shall be processed utilizing D1-4426 approved vendors. All material and hardware used in details and assemblies built per Boeing drawings shall be obtained from Boeing-approved sources.

QR12 Material Safety Data Sheets (MSDS): Materials noted on this Purchase Order must be supplied in accordance with OSHA's hazard communication standard 29CFR1910-1200, OSHA instruction CPL2-2.38 dated August 5 1985, and Washington State codes 296-62-05413, "Material Safety Data Sheets". Materials not received in compliance with the aforementioned OSHA requirements and Washington State codes will be subject to immediate rejection and return at supplier's expense. In addition, if Supplier is aware of any additional precautions and/or handling techniques instituted with regard to other customers, the Supplier is required to submit those safeguards with the MSDS. If specifically noted in body of purchase order, supplier is required to forward a Toxic Substances Control Act (TSCA) certification letter to Imaginetics LLC, Buyer for product(s) purchased on this Purchase Order, with the statement that every chemical component of the product(s) is listed by the Toxic Substances Control Act Inventory (P.L.94-94-969).

QR13 Supplier Corrective Action: Supplier expectations for quality and delivery performance are 98% and 96% respectively. Supplier shall, on request, provide statements of corrective actions on failures of Supplier's product or Quality System when these expectations are not met. Corrective action statements may require approval of Imaginetics LLC, Quality Assurance.

QR14 Control of Changes: Supplier agrees not to make any change in materials or design details that would affect the part or any component part thereof without prior written approval from Imaginetics LLC.

QR15 Calibration System Requirements: Supplier shall have a calibration system that assures compliance with ISO 10012, ANSI/NCSS Z540.1, ANSI/NCSS Z540.3, and ISO/IEC 17025:2017 as applicable. Acceptance criteria for MTE to be based off laboratories calibration standards that are traceable to SI units through the National Institute of Standards and Technology (NIST). MTE shall have a calibration cycle of one year unless otherwise specified by outside laboratory equipment or per manufacturer's recommendations for product/process requirements. Any deviation or waiver to this requirement shall be approved in advance by Imaginetics LLC, Quality Assurance.

QR16 REMOVED

QR17 ITAR Warning: International Traffic in Arms Regulation (ITAR) Warning. Equipment and/or technical data generated or delivered in performance of this contract may be controlled by the Code of Federal Regulations, International Traffic in Arms Regulation (ITAR), 22CFR, Chapter 1, Part 120, Sections 120-130, and may require an export license before assigning any foreign person or foreign national to perform work under this contract or before granting access to foreign persons or foreign nationals to any equipment/technical data generated or delivered in performance of this contract (See 22CFR, Ch. 1, Section 123). A foreign person is any

natural person who is not a lawful permanent resident of the U.S. or who is not a protected individual. It also means any foreign corporation, business association, partnership, trust, society or any other entity or group that is not incorporated or organized to do business in the U.S., as well as international organizations, foreign governments and any agency or subdivision of foreign governments (e.g., diplomatic missions). It also includes any foreign interest and any U.S. person effectively owned or controlled by a foreign interest. A foreign national is any person who is not a citizen or national of the U.S. If you have any questions about the proper application of ITAR restrictions, immediately contact your Imaginetics LLC, Procurement Representative for resolution.

QR18 Quality Management System - Suppliers: The Supplier shall maintain a quality system that complies with Aerospace Standard AS9100, "Quality Management Systems – Requirements for Aviation, Space and defense Organizations."

QR18B Quality Management System – Distributors: The Distributor shall maintain a Quality Management Systems that complies with either Aerospace Standard AS9100, "Quality Management Systems – Requirements for Aviation, Space and defense Organizations and/or AS9120 – "Quality Management Systems - Aerospace Requirements for Stock list Distributors."

QR19 Sikorsky Approved Suppliers: All special processes for details and assemblies shall be processed using Sikorsky-approved suppliers. All material and hardware used in details and assemblies shall be obtained from Sikorsky-approved sources.

QR20 Goodrich Landing Gear Approved Suppliers: All special processes for details and assemblies shall be processed using Goodrich Landing Gear approved vendors. All material and hardware used in details and assemblies shall be obtained from Goodrich Landing Gear approved sources.

QR21 Right of Entry: The customer reserves the right to enter, observe, record and or report on any activities at the Supplier during the manufacturing of the Customers Products. This right extends to include all levels of the supply chain and pertinent federal, state or local government agency, including the DoD. These controls apply to the entire supply chain and to Imaginetics suppliers sub-tiers.

QR22

QR22 Digital Product Data (DPD) Requirements: Sellers shall be DPD approved by Imaginetics LLC, and be in compliance with requirements set forth in D6-51991. Seller shall have on file a copy of D6-51991.

QR23 Supplier Flow Down: Supplier shall notify Buyer prior to outsourcing any requirements pertaining to Buyer's purchase order. After approval for outsourcing, in writing by Buyer, Supplier must flow down all requirements outlined on Buyer's purchase order, including any key characteristics, to their supplier.

Q29 AS9100 Certification: Supplier shall maintain certification, obtained from an accredited certification body, to AS/EN/JISQ 9100, Quality Management Systems Aerospace Requirements, as may be revised from time to time. Imaginetics LLC (Buyer) reserves the right to make final determination regarding supplier compliance to quality management system requirements. Supplier shall comply with the requirements of Form X31764 (Revised 05/01/2017), Boeing Quality Purchasing Data Requirements available at the following URL address. When entering URL - (Please do so in lower case letters only): <http://www.boeingsuppliers.com/>

Supplier shall also perform First Article Inspections (FAIs) in accordance with AS/EN/SJC 9102.

Boeing requires that the provisions/requirements set forth in FORM X31764 be included in Supplier's direct supply contracts as well as the obligation that they be flowed to the Supplier's sub-tier supply chain. Imaginetics LLC requires that the provisions/requirements set forth in AS/EN/JISQ 9100, as determined by the Supplier to be applicable, be flowed to the sub-tier supply chain as specified in AS/EN/JISQ 9100.

QR31 Boeing Commercial - FAA Production Certificate 700 Quality System Supplier Control Program:

The Seller will place the following statement on the shipping documentation of all shipments of Boeing Commercial product:

"Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700 and no articles (or constituent parts thereof) or the accompanying paperwork (e.g., packages, shippers, etc.) contain any Federal Aviation Administration- Parts Manufacturer Approval (FAA-PMA) markings."

QR32 Revision status – Technical Data

Supplier shall assure that specifications, drawings, parts list, process requirements, inspection and verification instructions and other relevant technical data is the current controlled and released revision unless otherwise specified in the purchase order.

QR33 BCA Production Certificate 700:

Parts procured by BCA PC700 shall not have FAA-PMA markings on them nor shall the accompanying paperwork.

QR34 Kawasaki Heavy Industries:

Supplier providing products to Imaginetics LLC for final delivery to Kawasaki Heavy Industries shall meet the requirements of KQMS-7100.

QR35 – Notice of Escapement:

Seller shall provide a written notification to Imaginetics LLC purchasing and/or quality assurance when a nonconformance is determined to exist, or is suspected to exist, on product already delivered to Imaginetics LLC. Notification shall include:

1. Affected process(es) or product number(s) and names(s),
2. Description of the nonconforming condition and the affected engineering requirement,
3. Quantities, dates, purchase orders and destinations of delivered shipments,
4. Suspect or affected serial numbers or date codes and airplane line units when applicable.

Notification must occur within three (3) business days of knowing all the above information. However, if the condition is a possible safety of flight, submit all available information immediately.

The requirements set forth above shall be flowed down by seller to sub-tier suppliers, with the modification that all sub-tier notification shall pass through seller (and not made direct from sub-tier to Boeing). Seller shall notify Boeing of all sub-tier escapes and design errors in accordance with respective communication process set for herein.

QR36 – Primer and Topcoat thickness measurements

Seller shall record the actual primer thickness and actual top coat thickness on each process certification.

QR37 – Human Rights (Boeing A98):

In addition to the provision set forth in the Code of Basic Working Conditions and Human Rights, Seller further commits that any material violation of law by Seller relating to basic working conditions and human rights, including laws regarding slavery and human trafficking, applicable to Seller's performance under this Contract/Agreement may be considered a material breach of this Contract/Agreement for which Imaginetics LLC may elect

to cancel any open orders between Imaginetics LLC and the Seller, for cause, in accordance with the provisions of this Contract/Agreement, or exercise any other right of Imaginetics LLC for an Event of Default under this Contract/Agreement.

QR38 – Statement Certifying Quality Assurance Inspection (Boeing Q13):

Seller must provide a statement on the packing slip certifying its Quality Assurance Department has inspected the parts and they adhere to all requirements, applicable drawings/specifications.

QR39 – Ozone-depleting substances (Boeing T88):

Definition: "Ozone-depleting substance," means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as-- (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or (2) Class II, including, but not limited to hydrochlorofluorocarbons. Seller shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as applicable:

Warning

Contains * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

Warning

Manufactured with * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* Seller shall insert the name of the substance(s).

QR40 – Boeing – Model of Craft:

The Boeing model of craft may be identified by the table below or from the drawing picture sheet title block provided with the Imaginetics LLC purchase order. Use the prefix of the part number or the imbedded alpha character in the part number to cross-reference to the Model of Craft.

Part Number Prefix or imbedded alpha character	Model
A	737
B	747
C	737
N	757
T	767
U	747
W	777
X	Test
Z	787
65-	737
66-	737
69-	737
204-	AWACS
775-	AWACS

QR41 – Ethical Behavior

Suppliers are expected to conduct business lawfully and ethically at all times.

QR42 – Product Safety and Product or Service Conformity

The supplier shall plan, implement, and control the processes needed to assure product safety during the entire product life cycle to include all FOD related requirements from AS9146 & Boeing requirements from X31764, as appropriate to the organization and the product, and assure that persons are aware of their contribution to product safety and product or service conformity.

QR43 – Prevent the use of counterfeit parts (see 8.1.4 of the AS9100D / ISO 9001:2015 Standard)

Revision Record:

Rev.	Description	Date	Author
J	No previous revision history	05/20/11	UNK
K	QR7 from 7 to 10 years retention, reformatted from two columns to one column, added "Print Date" to footer	06/14/11	R. Kasprick
L	Revised QR3.	10/27/11	R. Kasprick
M	Revised QR1, QR2, QR3, QR5	06/12/12	P. Prince
N	Revised Imaginetics' name from Inc. to LLC, added new name logo.	02/26/13	R. Kasprick
O	Not Used	N/A	N/A
P	QR4-FAI: updated to include Applicability per SAE AS9102, paragraph 4. QR16-AS9003 quality systems: phased out per Boeing D6-82479, Appendix B. Document updated to meet QMS document standard.	04/12/13	S. Wix
Q	Revised QR18 from "Quality System AS9100" to "Quality Management System – Suppliers". Added QR18B – "Quality Management System – Distributors"	05/30/13	S. Wix
R	Add QR31.	07/15/13	S. Wix
S	Add QR29 and update Company logo.	07/30/13	S. Wix
T	Revised QR31 to reflect Boeing's verbiage change.	11/15/13	R. Kasprick
U	Added QR32 in response to TUV Audit assessment 13-1326/AS1 NCR 01.	06/27/14	S. Wix
V	Added QR33 in response to PC700 contracts to indicate parts shall not show FAA-PMA markings	08/08/14	S. Wix
W	Revise QR7 to add FAI requirements, Revise "seller" to "supplier" as applicable, add QR34 for products manufactured on behalf of KHI	10/17/14	S. Wix
X	Corrected numbering format error at QR7 thru QR20. Numbering update matches Rev. V.	11/21/14	S. Wix
Y	Add QR35 – Notice of Escapement	06/11/15	S. Wix
Z	Revise QR07 to include "current year + 10 years".	07/11/15	S. Wix
AA	Revised entire content of QR35 to include applicable Boeing U40 requirements. Add: QR37 – Human Rights (Boeing A98). Add: QR38 – Statement Certifying Quality Assurance Inspection (Boeing Q13). Add: QR39 – Ozone-depleting substances (Boeing T88). Add: QR40 – Boeing Model of Craft Matrix(D1-4426 App D)	08/24/15	S. Wix
AB	Added QR41 – Ethical behavior	2/3/16	S. Wix
AC	Revised QR31 to match Boeing PO Note Q31.	3/10/17	S. Wix
AD	Revised QR29 & QR31 to current Boeing requirements.	4/27/17	S. Wix
AE	Added QR42 to address Product Safety and Product or Service Conformity.	7/31/19	D. Booth
AF	Added QR43 to Prevent the use of counterfeit parts.	10/28/20	S. Wemhoff
AG	Revised QR15 to include additional accreditation requirements.	12/07/20	D. Nuttall II
AH	Revised QR15 & QR21 in response to PRI audit finding	12/30/2020	D. Nuttall II

Rev.	Description	Date	Author
AI	Revised QR13 and QR42 per AS audit opportunities	1/7/2021	M. Stewart