

# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

## APACHE BLOCK 3 – FORWARD AVIONICS BAY PROGRAM

This Appendix I with the Supplier Quality Assurance Requirements for the Apache Block 3 – Forward Avionics Bay program defines Fokker Aerostructures (Buyer) additional Program Specific Quality Requirements and forms an integral part of the Purchase Order (PO) concluded between Supplier and Buyer.

The contents of this Appendix I is additional to or replacing one or more of the standard Fokker Quality Requirements as provided in Annex B “Supplier Quality Assurance Requirements (standard)”. All terms defined in the Purchase Order shall be applicable to this Appendix I, unless explicitly defined otherwise in this Appendix I.

Supplier shall have systems and methods to assure full compliance to this Appendix I. When products or services applicable to the PO are procured by the Supplier from sub-tier suppliers, the supplier shall flow down the Appendix I requirements as necessary to assure full compliance is achieved.

In case of of differences or inconsistencies with texts in the Main Contract, the stipulations in this Appendix I will prevail.

The latest valid version of this document is available on the GKN / Fokker Aerostructures website via: <https://www.gknaerospace.com/en/Utilities/gkn-aerospace-suppliers/fokker/>

## APPROVAL

Involvement	Name	Function	Signature and approval date
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### CHANGE LOG

Date/Issue	Change Reason
05.may.2014/01	Update new format and merged Block I and Block II requirements
16.jan.2024/02	Update Appendix I, due to new IDIQ Contract No.23VL023, Apache Block II removed.
20.Feb.2025/03	Updated Supplier Accountability Requirements for Boeing/Government Property

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### 01 GENERAL

This Appendix I defines Buyer's additional Program Specific Quality Requirements and forms an integral part of the Purchase Order (PO) concluded between Supplier and Buyer.

The contents of this Appendix I is in addition to or replacing one or more for the standard Fokker Quality Requirements as provided in Annex B "Supplier Quality Assurance Requirements (standard)".

All terms defined in the Purchase Order shall be applicable to this Appendix I, unless explicitly defined otherwise in this Appendix I.

Supplier shall have systems and methods to assure full compliance to this Appendix I. When products or services applicable to the PO are procured by the Supplier from sub-tier suppliers, the supplier shall flow the Appendix I requirements as necessary to assure full compliance is achieved.

### 02 BDS SELLER SPECIAL TOOLING REQUIREMENTS

*Boeing Property clause E223*

Seller shall maintain a special tooling management process that complies with the requirements found in document D950-11059-1, titled "Production Equipment and Special Tooling Quality Standard", incorporated herein and made a part hereof by reference. 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 D950-11059-1 and the Boeing authorized technical group contact matrix for the applicable contracting site can be obtained at the following URL address: <http://www.boeingsuppliers.com/quality.html>

### 03 D1-4426 APPROVED PROCESS SOURCE

*Boeing Quality clause Q020*

Seller and/or Seller's subcontract process sources shall be an approved processor or shall use approved processors as required by D1-4426, "Approved Process Sources". A list of the approved processors and associated processes are available from Buyer's Procurement Agent or at: <http://active.boeing.com/doingbiz/d14426/index.cfm>

This clause shall be included in Seller's subcontracts for work performed under this purchase contract that involves D1-4426 processes. The Seller's purchasing information shall conform to the purchasing data requirements of D1-4426 Appendix D. These purchasing data requirements can be found at: <http://active.boeing.com/doingbiz/d14426/Appendix-D.pdf>

A Certificate of Conformance and/or equivalent Process Certificate, signed by an authorized agent of the Processor/Seller shall be maintained by the Seller. The certificate shall include purchase contract number, part number(s), Trace Number (as applicable), Process Specification number (with revision), processing date(s) and name and address of the Processor(s) performing each of the D1-4426 Processes.

Buyer approval of any processor shall not relieve Seller of Seller's requirement to comply with the terms of this purchase contract.

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#### 04 DIGITAL PRODUCT DEFINITION (DPD) / MODEL BASED DEFINITION (MBD)

*Boeing Quality clause Q029*

Seller shall conform to Buyer's document D6-51991 "Quality Assurance Standard for Digital Product Definition at Boeing Suppliers" and obtain Buyer approval as DPD Capable if Seller receives, downloads, and/or uses Buyer's DPD geometry in any format.

- If Seller receives Buyer's DPD geometry in MBD format, Seller is required to obtain Buyer's approval as MBD-capable.
- If Seller provides Buyer's DPD geometry to Seller's subcontractors in any format, Seller shall impose Buyer's document D6-51991 as a requirement and is responsible for its subcontractor's conformance.
- If Seller provides Buyer's DPD geometry in any format to Seller's subcontractors, Seller shall comply with all applicable export laws.

A copy of Buyer's document D6-51991 and associated documents can be obtained at the following URL or are available through Buyer's Authorized Procurement Representative.

<http://www.boeing.com/companyoffices/doingbiz/dpd.html>

#### 05 BUYER'S SOURCE INSPECTION REQUIRED

*Boeing Quality clause Q053*

Goods and Services under this Contract are subject to Buyer's source inspection at points identified by Buyer throughout the manufacturing process including testing operations, including those at Seller's subcontractor locations, and at no less than prior to packaging for shipment.

Seller shall furnish reasonable facilities and assistance, including Contract documentation, quality records, and related data for the safe and efficient performance of Buyer's source inspections.

Seller shall notify the SQR at least 48 hours, unless otherwise specified in Contract, in advance of the time that Goods or Services will be available for Buyer's source inspection.

Seller shall include evidence of Buyer's source inspection with each shipment unless specific written waiver or deferral from the Buyer's Supplier Quality Data System or the Buyer's Authorized Procurement Representative directs otherwise. Any written waiver or deferral shall be included with the shipment.

#### 06 RAW MATERIAL TEST RESULTS – DELIVERABLE

*Boeing Quality clause Q080*

(a) Seller shall include with each shipment the raw material manufacturer's test report (i.e., mill test report) that states that the lot of material furnished has been tested, inspected, and found to be in compliance with the applicable material specifications. The test report will list the specifications, including revision numbers or letters, to which the material has been tested and/or inspected and the identification of the material lot to which it applies.

(b) When the material specification requires quantitative limits for chemical, mechanical, or physical properties, the test report shall contain the actual test and/or inspection values obtained. For aluminum mill products (except castings), certifications for chemistry may indicate compliance within the allowed range. Certifications for physical properties shall show actual values.

(c) If Seller supplies converted material produced by a raw material manufacturer, Seller is responsible for ensuring performance of all physical tests where the manufacturing process has altered the properties from what had been certified by the raw material manufacturer. The data submitted must reflect the condition of the material as offered for delivery. This data is in addition to the raw material manufacturer's test report required above.

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#### 07 MANUFACTURER'S CERTIFICATE OF CONFORMANCE

*Boeing Quality clause Q091*

Seller shall include with each shipment a copy of the manufacturer's Certificate of Conformance.

The manufacturer's Certificate of Conformance shall include the following information:

- 1) Name and address of manufacturer
- 2) Statement attesting that goods and services conform to all contract and associated drawing requirements. 3) Part number and dash number (as applicable)
- 4) Drawing number and revision level (as applicable) to which the goods were manufactured
- 5) If goods are Buyer furnished, so indicate.
- 6) NC (non-conformance) number, if applicable.

The Certificate of Conformance will afford traceability to the manufacturer.

- Seller shall reference Buyer's contract number on manufacturer's Certificate of Conformance.

OR

- Seller shall include with each shipment a copy of Seller's Certificate of Conformance that will include reference to Buyer's contract number and a reference to the required manufacturer's Certificate of Conformance.

#### 08 NONCONFORMING MATERIAL

The supplier's MRB shall not perform any disposition on any non-conformances to customer requirements.

All deviations from drawing or specification requirements shall be reported to Fokker Aerostructures, for review by Boeing quality representative. Parts with a deviation must not be delivered before the result of the review is received from Boeing.

Nonconformance report number must be documented in the delivery documents and parts affected shall be marked with a label or other appropriate method.

#### 09 INSPECTION

*The Boeing Company General Provisions GP7*

a. At no additional cost to Boeing, Goods shall be subject to inspection, surveillance and test at reasonable times and places, including GKN Fokker's subcontractors locations. Boeing has the right to visit GKN Fokker and GKN Fokker's subcontractor's locations during operating hours to inspect, review and assess progress and performance under this Contract, including, but not limited to, production, schedule, and quality. Any Boeing representative shall be allowed access to all areas used for the performance of the Contract. Boeing shall perform inspections, surveillance, reviews and tests so as not to unduly delay the work.

b. GKN Fokker shall maintain an inspection system acceptable to Boeing, which shall be consistent with internationally recognized quality standards for the Goods purchased under this Contract.

c. If Boeing performs an inspection, surveillance, review or test in the premises of GKN Fokker or its subcontractors, GKN Fokker shall furnish, and require its subcontractors to furnish, without additional charge, reasonable facilities and assistance for the safe and convenient performance of these duties.

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### 10 COUNTERFEIT PARTS DETECTION AND AVOIDANCE SYSTEM REQUIREMENTS

*Boeing Quality clause Q132*

Seller shall not furnish Counterfeit Parts, which are defined as unauthorized copies, imitation, substitute or modified parts (e.g. materials, parts, components, subassemblies) which are misrepresented as a specified genuine part(s) of an original or authorized manufacturer. Counterfeit Parts can include, but are not limited to, the false identification of marking or labeling, grade, serial number, lot number, date code, documentation or performance characteristics, including used parts represented as new. Counterfeit and Suspect Counterfeit Parts shall be deemed nonconforming to this Contract. A Suspect Counterfeit Part is a part for which there is objective and credible evidence indicating that it is likely counterfeit.

Seller shall plan, implement and control processes appropriate to the organization and the products for the prevention of Counterfeit or Suspect Counterfeit Part use and their inclusion in Goods. Seller's Counterfeit Parts prevention processes shall address the following:

- (i) Training of appropriate persons in the awareness and prevention of Counterfeit Parts;
- (ii) Application of a parts obsolescence monitoring program;
- (iii) Controls for acquiring externally provided product from original or authorized manufacturers, authorized distributors, or other approved sources;
- (iv) Requirements for assuring traceability of parts and components to their original or authorized.
- (v) Verification and test methodologies to detect counterfeit parts;
- (vi) Monitoring of counterfeit parts reporting from external sources;
- (vii) Quarantine and reporting of suspect or detected counterfeit parts, including preventing reentry into the supply chain.

If Seller becomes aware or suspects that it has furnished Counterfeit or Suspect Counterfeit Parts to Buyer, Seller promptly, but in no case later than thirty (30) days from discovery, shall notify Buyer and replace, at Seller's expense, such Counterfeit Parts or Suspect Counterfeit Parts with Goods that conform to the requirements of this Contract. For confirmed Counterfeit Parts or Suspect Counterfeit Parts, GIDEP notification shall also be made no later than sixty (60) days after discovery. Seller shall be liable for all costs related to the delivery or replacement of Counterfeit Parts or Suspect Counterfeit Parts including any testing or validation costs necessitated by the installation of Goods in replacement of Counterfeit Parts or Suspect Counterfeit Parts.

Seller bears responsibility for procuring authentic parts or items from its subcontractors and shall ensure that all such subcontractors comply with the requirements of this Article. Seller shall include the substance of this Article, including this flowdown requirement, in all subcontracts awarded by Seller for work under this Contract.

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### 11 MATERIAL SUBSTITUTION PROHIBITION

*Boeing Quality clause D607*

#### A. Unauthorized Material Substitution (General)

Unauthorized material substitutions are not permitted on Buyer's Goods. Unauthorized material substitution includes any deviation from the engineering definition of a raw material. Engineering definition includes Buyer (Boeing) design drawing and applicable specifications, product specification, form, size, shape, chemistry, melt method, origin, temper/condition, product testing or surface finish. Alternate materials specified in the engineering definition (and often described as approved material substitutions therein) do not constitute unauthorized material substitution. Terms and definitions for metallic materials and processing used herein are clarified in ARP1917.

Contact Fokker Aerostructures Authorized Procurement Representative for details regarding deviations to authorized materials. Seller agrees and understands that such deviations only apply to this purchase contract, and only as indicated in the Buyer's (Boeing) authorized document.

#### B. Metallic Materials (Specific)

Temper or Condition Conversion - Unless specifically authorized by the engineering definition, conversion of a raw material (i.e. heat treat to change the temper or condition of the material) constitutes material substitution of the condition provided by the manufacturer.

Metallic Raw Materials – Buyer's (Boeing) engineering drawings may refer to obsolete or superseded specifications covering several forms, thicknesses, widths, etc. of the alloy or alloys. The required characteristics of these materials are defined not only by the objective test standards of the specification, but by the processes/methods by which this final form is achieved. These requirements are often captured in the definitions of the required material forms, and may not be explicitly called out in the detailed requirements. The raw material certification results from both the process used to make it and the tests to verify basic properties.

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 thermomechanical processing or casting process. Chemical, electrochemical and mechanical methods used for the removal of surface scale or contamination, or the production of the required surface finish, in accordance with the material specification are acceptable. Raw material must not be re-certified with respect to thickness, diameter, width or cross sectional area or product form. Machining or cutting of thicker product or other product forms shall not be supplied in lieu of specified product unless specifically authorized by Boeing. Raw material certifications for material or parts shall reflect the form and size of the raw material as originally manufactured by the raw material producer.

#### C. Specification Supersession:

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. Contact the Fokker Aerostructures Authorized Procurement Representative in the event of any inconsistency in applicable specification or standard.

#### D. Reports (Full Pedigree from melt to final product)

Raw material certifications shall show clear traceability to the manufacturer(s) of the raw material including ingot source, all thermo-mechanical processing (i.e. forging, rolling, drawing, etc.), heat treatment, chemical processing and inspections as required by applicable raw material specification requirements.

#### E. Chain of Custody (Disguising intermediate ownership)

Suppliers shall not disguise the pedigree of material or chain of ownership by removal of a previous supplier's name, nomenclature or identification.

#### F. Source of Additional Information

Addition information and guidance may be found through Boeing Supplier Portal or Fokker Aerostructures Authorized Procurement Representative.

G. The substance of this Article shall be flowed in all subcontracts at every tier.



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## 12 SUPPLIER ACCOUNTABILITY REQUIREMENTS FOR BOEING/GOVERNMENT PROPERTY

Boeing Property clause E000

### 1. GOVERNMENT PROPERTY

A. Seller acknowledges that all Government property for use on this Contract is subject to the requirements of Federal Acquisition Regulation (FAR) 52.245-1 or the Government property clause incorporated in the customer contract as referenced in the CCR. Seller shall manage Government property in its possession and control from acquisition to relief of stewardship consistent with the requirements of the FAR and include the substance of this clause in all subcontracts under which Government property, as defined in the applicable Government Property clause, is acquired or furnished.

B. Seller further agrees to the following requirements of this Contract which are necessary for Boeing to comply with its obligations for the management of Government property under its prime contract or higher subcontract:

#### i. Use of Government Property

(1) Seller shall use Government property, either furnished or acquired under this Contract, only for performing this Contract, unless otherwise provided for in this Contract or approved by Boeing in writing.

(2) Seller shall not cannibalize Government property unless otherwise provided for in this Contract or approved by Boeing in writing.

#### ii. Delivery of Government Property

(1) In the event Government property is not delivered to Seller by the dates stated in this Contract or Government property is received in a condition not suitable for its intended use, Boeing shall, upon Seller's written request, advise Seller on a course of action to remedy the problem.

(2) In the event Government property is furnished in an "as-is" condition, any repairs, replacement, and/or refurbishment shall be at Seller's expense.

(3) Boeing may by written notice increase or decrease the amount of Government property under this Contract, substitute other Government property, or withdraw authority to use Government property under this Contract.

#### iii. Seller Plans and Systems

(1) Seller shall furnish a written statement to Boeing containing all relevant facts if overages, shortages or damages or other discrepancies are discovered upon receipt of Government property.

(2) Unless otherwise directed by Boeing, Seller shall investigate and promptly furnish a written narrative of all incidents of loss, theft, damage or destruction of Government property, to Boeing as soon as the facts become known.

(3) Seller shall disclose and report to Boeing the need for replacement and/or capital rehabilitation of Government property.

(4) Seller shall promptly perform and report to Boeing contract property closeout, in accordance with FAR 52.245-1(e)(x).

(5) Seller shall disclose any findings or results of reviews, analyses and assessments that may affect Boeing rights under this article.

#### iv. Systems Analysis

(1) Boeing and Government shall have access to Seller's premises and all Government property, at reasonable times, for the purposes of reviewing, inspecting and evaluating Seller's property management plan(s), systems, procedures, records, reports and supporting documentation that pertain to Government property.

(2) In the event Boeing identifies a deficiency or inadequacy relating to Seller's management of Government property accountable to this Contract, Seller shall prepare a corrective action plan when requested by Boeing and take all necessary corrective actions as specified within the corrective action plan.

#### v. Seller Liability for Government property.

Seller shall take all reasonable actions necessary to protect Government property from loss, theft, damage or destruction. Seller shall separate damaged and undamaged Government property, and take such other action as Boeing directs.

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### vi. Other

(1) If Seller's property management system is reviewed by the United States Government (USG), Seller shall provide Boeing a copy of Seller's US Government system status letter indicating status of Seller's property-control system and any supporting documentation if applicable. If Seller's property-control system is not reviewed by the US Government, Seller must make available one of the following:

- i. Seller's property-management plan; or
- ii. Seller's current property-control procedures.

(2) Seller shall promptly notify Boeing in writing of Seller's relocation, name change or discontinuance of business as soon as such conditions are known. If Seller intends to relocate, no Government property may be moved to the new location without Boeing prior written authorization.

(3) Boeing may provide property identification numbered stickers or metal tags for affixing to Government property acquired or fabricated under this Contract. Seller will promptly affix the stickers or tags to Government property.

(4) Reports, documents, inventories and correspondence referring to Government property will include Boeing property identification number as part of the descriptive data. (5) Virtual Unique Item Identifier (UII) marking may be utilized unless otherwise specified in this Contract. Seller will ensure that items delivered to the Department of Defense (DoD) conform to UII requirements. Marking is required when 252.245-7001 is incorporated in this contract. Seller is responsible for notifying Boeing when it receives Government property which does not have a UII marking/label and/or a virtual UII annotated on a DD Form 1149 Requisition and Invoice/Shipping Document when applicable.

### 2. BOEING PROPERTY.

If Boeing provides property to Seller ("Boeing Property" or "BFE") under this contract, such Boeing Property will be subject to the provisions regarding Boeing Property in the General Provisions section of this contract.

### 3. CUSTOMER'S PROPERTY.

If Boeing provides property of its Customer, other than the United States Government, to Seller (Customer's Property), such Customer's Property will be subject to the provisions regarding Customer's Property in the Customer Contract Requirements (CCR) governing this Contract, or in the absence of such provisions in the CCR, to the provisions regarding Boeing Property in General Provisions section of this Contract.

### 4. NOTIFICATION OF ACQUISITION OR FABRICATION OF BOEING, GOVERNMENT OR CUSTOMER PROPERTY

(1) In the event Seller acquires or fabricates Government, Boeing, or Customer Property, (excluding material as defined in FAR 45.101), upon completion of such acquisition or fabrication Seller shall submit, an invoice and itemized property listing to Boeing. Boeing will not make payment for the fabrication or acquisition of such property unless a property listing is provided with the Boeing invoice or through the Vendor Inventory Process (VIP), when applicable. When submitting a manual property listing (not through VIP), submittals will contain, at a minimum, the following data elements for each item fabricated or acquired:

- (1) The name, part number and description, manufacturer, model number, and National Stock Number (if needed for additional item identification tracking and/or disposition).
- (2) Quantity received (or fabricated), issued, and balance-on-hand.
- (3) Unit acquisition cost.
- (4) Unique-item identifier or equivalent (if available and necessary for individual item tracking).
- (5) Unit of measure.
- (6) Accountable contract number or equivalent code designation.
- (7) Location.
- (8) Disposition.
- (9) Posting reference and date of transaction.
- (10) Date placed in service.

### 5. PROVIDED PROPERTY.

For the purposes of this clause, Provided Property shall be defined as Government, Boeing, or Customer Property which is: (a) already in possession of the Seller; (b) to be furnished to the Seller; or (c) to be acquired or fabricated under this Contract, (which may be referred to as "Provided property"), for use in support of this Contract shall be documented in Clause D501 or as referenced below.

Property to be acquired or fabricated by supplier must be identified as a line item on this Contract.

Any additional property provided during the performance of this contract will be subsequently added to this Contract.