

# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

## CHINOOK CH-47F SECTION 46

This Appendix I with the Supplier Quality Assurance Requirements for the CHINOOK CH-47F SECTION 46 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 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

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# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

CHINOOK CH-47F SECTION 46

## CHANGE LOG

Date/Issue	Change Reason
20.oct.2015/01	Update into new format Annex I (Replacing Appendix "B") Updated Quality Requirements of the latest Boeing PO.
01.dec.2020/02	Update to GKN format; Updated clauses and web links; Clarify text.
01.dec.2021/03	Updated clauses and web links; Notes added and renumbered

# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

## CHINOOK CH-47F SECTION 46

### TABLE OF CONTENT

<u>Quality Note</u>	Description	Page
01	General.....	4
02	Identification.....	4
03	Boeing Philadelphia material substitutions .....	4
04	D1-4426 Approved processing sources.....	5
05	Digital product definition (DPD) / Model Based Definition (MBD) .....	5
06	Counterfeit Electronic Parts Detection and Avoidance System Requirements .....	5
07	FOD PREVENTION PROGRAM .....	6
08	Seller's Notification of Escapement (NoE) .....	6
09	Department of Commerce licenses, EAR exceptions and NLR (variable) .....	6
10	Mandatory flow downs of; THE Boeing Company InternationAL provisions .....	7
11	BDS Seller special tooling requirements.....	7

# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

## CHINOOK CH-47F SECTION 46

### 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.

The supplier shall comply with the requirements specified in the latest revisions of each specification and is required to retrieve the latest revision of the referenced documents.

### 02 IDENTIFICATION

*Source: BAC 5307*

Product shall be individually identified as specified on the engineering drawing or specification.

When items are too small to easily identify, they may be bagged and tagged.

#### **For non finished parts (NL Suppliers)**

Procurement parts shall be marked, on plastic/alum. label, with a design activity code, 77272, part number and rev. letter, the applicable manufacturing (CAGE code) and production order number in accordance BAC5307.

Example

77272 - 724S3471-9203 REV 01

MFR Cage Code.

Production Order Number.

Explanation : Part number in accordance with PO, so 9xxx mark with the Manufacturing Code of the Supplier.

#### **For finished parts**

Procurement parts shall be marked, with a design activity code, 77272, part number and rev. letter, applicable manufacturing (CAGE code) and production order number and/or manufacturing date in accordance with drawing, per BAC5307.

Example

77272 - 724S3471-203 REV 01

MFR Cage Code

Production Order Number and/or manufacturing date.

#### **General note:**

When identification is not specified on the engineering drawing or specification, the product shall be identified with the part number specified on the purchase order or Condition of Supply.

### 03 BOEING PHILADELPHIA MATERIAL SUBSTITUTIONS

*Source: D210-12501-1*

In accordance with process doc no.D210-12501-1, process document departure number 8-50, it is allowed to use Chromic Acid Anodize Class 3 per VF-3.46 as a substitute or equivalent for Boric-Sulfuric Acid Anodize per BAC5632 Class 5.

# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

## CHINOOK CH-47F SECTION 46

### 04 D1-4426 APPROVED PROCESSING SOURCES

Section Q – Quality; Clause Q020  
Effective Date: 16th September 2016  
<http://www.boeing.com/boeing/boeing-suppliers/boeing-suppliers-clauses/boeing-suppliers-clauses.html>

#### D1-4426 APPROVED PROCESS SOURCE

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> <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.

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

Section Q – Quality; Clause Q029  
Effective Date: 2<sup>nd</sup> July 2007  
<http://www.boeing.com/boeing/boeing-suppliers/boeing-suppliers-clauses/boeing-suppliers-clauses.html>

Seller shall conform to Buyer's document D6-51991 "Quality Assurance Standard for Digital Product Definition at Boeing Suppliers" and obtain Buyer's 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>

Except for any changes in handling MBD the Buyer must be informed of the change within a 30 day period after the change.

### 06 COUNTERFEIT ELECTRONIC PARTS DETECTION AND AVOIDANCE SYSTEM REQUIREMENTS

Section Q – Quality; Clause Q132  
Effective Date: 14<sup>th</sup> January 2015  
<http://www.boeing.com/boeing/boeing-suppliers/boeing-suppliers-clauses/boeing-suppliers-clauses.html>

Seller shall meet the following additional requirements for electronic parts procured by or on behalf of Seller: Seller shall implement a counterfeit electronic parts detection and avoidance system consistent with the requirements of the latest dated version of SAE standard AS5553, as of the effective date of this contract Seller shall include the substance of this article, including this flowdown requirement, in all subcontracts for electronic parts awarded by Seller for work under this Contract.

# APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

## CHINOOK CH-47F SECTION 46

### 07 FOD PREVENTION PROGRAM

Section Q – Quality; Clause Q186  
Effective Date: 04<sup>th</sup> October 2017  
<http://www.boeingsuppliers.com/clauses/clauses.html>

Seller is required to establish and maintain a FOD prevention program in compliance with AS/EN/SJAC 9146 Foreign Object Damage (FOD) Prevention Program – Requirements for Aviation, Space, and Defense Organizations.

Aerospace standards such as AS9146 can be bought on the internet portal of SAE International.

### 08 SELLER'S NOTIFICATION OF ESCAPEMENT (NOE)

Section Q – Quality; Clause Q320  
Effective Date: 10<sup>th</sup> May 2021  
<http://www.boeingsuppliers.com/clauses/clauses.html>

When a nonconformance is determined to exist or is suspected to exist on goods and/or services already provided to Buyer under Contract, Seller shall provide notice within Buyer's Supplier Quality supplier data system.

Seller shall provide the NoE Submittal utilizing the Buyer's Supplier Quality supplier data system within three (3) business days of when the nonconformance was determined. If multiple programs are impacted, one NoE per program is required to be submitted. For submittals that are returned / rejected back to the Seller, the Seller shall resubmit updated information within three (3) business days.

If the nonconformance affects safety of flight or is mission critical; Seller shall immediately provide the NoE Submittal and all required information within Buyer's Supplier Quality supplier data system.

For more information on NoE submittals, Seller can access the NoE Module User Guide by following these directions:

Access the Boeing Supplier Portal

Under the "Categories" header at the bottom of the page, click "Quality"

On the right hand side of the screen, near the computer icon, click on the "SQIS Supplier Website" link • From the SQIS Supplier Website, click on the "Notice of Escapement (NoE)" tab

From the NoE tab, click "User Guide"

### 09 DEPARTMENT OF COMMERCE LICENSES, EAR EXCEPTIONS AND NLR (VARIABLE)

Section H - General Legal/Flowdown; Clause H105  
Effective Date: 7th July 2015  
[http://www.boeingsuppliers.com/idscommon/clauses/clause\\_h.htm](http://www.boeingsuppliers.com/idscommon/clauses/clause_h.htm)

Department of Commerce EAR Technology or items provided to the Seller in support of this contract and Seller's performance of the contract are authorized by the U.S. Department of Commerce via the export authorization identified below:

Department of Commerce License No. \_\_\_\_\_  
Expiration date \_\_\_\_\_  
EAR Exception \_\_\_\_\_  
No License Required (NLR)

Note : Above fields intentionally left blank, information available at the Program Team

## APPENDIX I - SUPPLIER QUALITY ASSURANCE REQUIREMENTS

### CHINOOK CH-47F SECTION 46

#### 10 MANDATORY FLOW DOWNS OF; THE BOEING COMPANY INTERNATIONAL PROVISIONS

Flowdown of SP3 – section 10

Effective Date: 31th January 2020

[http://www.boeingstpliers.com/supplier\\_portal/SP3\\_01-31-2020.pdf](http://www.boeingstpliers.com/supplier_portal/SP3_01-31-2020.pdf)

Seller shall flow down to each subtier supplier, provisions 1, 3, 4, 5, 6, 9 and 11 of these International Provisions (SP3).

Note: Latest revision of SP3 can be obtained at the following URL address:

[http://www.boeingstpliers.com/supplier\\_portal/SP3\\_01-31-2020.pdf](http://www.boeingstpliers.com/supplier_portal/SP3_01-31-2020.pdf)

#### 11 BDS SELLER SPECIAL TOOLING REQUIREMENTS

Section E – Property; Clause E223

Effective Date: 30th August 2016

[http://www.boeingstpliers.com/idscommon/clauses/clause\\_e.htm](http://www.boeingstpliers.com/idscommon/clauses/clause_e.htm)

If supplier has Boeing or Government owned tooling;

Seller shall maintain a special tooling management process that complies with the requirements of D950-11059-1 BDS Seller Special Tooling Requirements Document, 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 article. A copy of D950-11059-1 can be obtained at the following URL address:

<http://www.boeingstpliers.com/quality.html>