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**Owner:** Quality Control Manager

## **Revision History Log**

Summary of Changes	Revision	Revision Date (YYYY/MM/DD)	Reviewed By
Initial release	NC	2015/10/05	T. Abouyounes
Added LMA FAI requirements	Α	2016/02/22	T. Abouyounes
Updated as per recommendations from Corporate	В	2016/08/24	T. Abouyounes



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### **ACRONYMS**

See QSP 3.0 "Glossary of Acronyms"

### 1.0 PURPOSE

1.1 This procedure contains the Terms and Conditions to flow down to suppliers on Purchase Orders

### 2.0 REFERENCE DOCUMENTS

- 2.1 AS 9100
- 2.2 PCC Dorval Quality Assurance Manual
- 3.0 SCOPE
- 3.1 This procedure applies specifically for Purchase Orders at PCC Aerostructure Dorval.
- 4.0 EQUIPMENT
- 4.1 None

### 5.0 Terms & Conditions

\*\*For Lockheed Martin Procurements Only Start\*\*

PCC AEROSTRUCTURES DORVAL INC Lockheed Martin Vendor code: LM0248425

For Lockheed Martin Aeronautics programs parts:

Processing to be accomplished in performance of this purchase order is directly related to an LM AERO purchase order and must be accomplished in accordance with process specification(s) on this purchase order and the revision in effect (see JSF F-35 Latest Revision Specs R01.xlsx) as of the date of this PO of LM Aero Appendix QJ. ALL requirements of such Appendix QJ paragraph 12.a – f shall be accomplished along with Q4R Section C.

### LOCKHEED MARTIN COUNTERFEIT PARTS PREVENTION

Providers of items destined for delivery to LOCKHEED MARTIN shall comply in all respects with LM Aero Counterfeit Parts Prevention requirements as defined in Appendix QX paragraph 1.4. Specifically:

- a) For purposes of this clause, Work consists of those parts delivered under this contract that are the lowest level of separately identifiable items (e.g, articles, components, goods, and assemblies). "Counterfeit Work" means that is or contains items misrepresented as having been designed and or produced under an approved system or other acceptable method. The term also includes approved work that has reached a design life limit or has been damaged beyond possible repair, but is altered and misrepresented as acceptable.
- b) Sellers of items provided in fulfillment of this contract agree and shall ensure that COUNTERFEIT WORK is not delivered to PCC AEROSTRUCTURES DORVAL INC.

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- c) Sellers of items provided in fulfillment of this contract shall only purchase products to be delivered or incorporated as work to PCC AEROSTRUCTURES DORVAL INC directly from the original component manufacturer (OCM)/Original Equipment Manufacturer (OEM, or through and OCM/OEM authorized distributor chain. Work shall not be acquired from independent distributors or brokers unless approved in advance in writing by PCC AEROSTRUCTURES DORVAL INC and/or LOCKHEED MARTIN.
- d) Sellers of items provided in fulfillment of this contract shall immediately notify PCC AEROSTRUCTURES DORVAL INC with the pertinent facts if the seller becomes aware or suspects that it has furnished COUNTERFEIT WORK. When requested by PCC AEROSTRUCTURES DORVAL INC, the seller shall provide OCM/OEM documentation that authenticates traceability of the affected items to the applicable OCM/OEM. LOCKHEAD MARTIN Appendix QJ and QX are located at http://www.lockheedmartin.com/materialmanagement/

#### LOCKHEED MARTIN FAI REQUIREMENTS

The following guidelines are provided as LM Aero's guidance regarding the extent of applicability of Q2A to special processes:

- a. Ballooning of all drawings and process specifications is required for requirements that affect dimensional characteristics. All dimensional characteristics should be included on the AS9102 forms and validated as part of the FAI process. The following are examples of dimensional characteristics but is not a complete list:
  - i. Paint thickness
  - ii. Masking locations
  - iii. Etch removal dimensions/characteristics
  - iv. Electrical bond locations
- b. Material aspects such as origins of raw material (certs from raw material manufacturer), material temper, heat treat times and temperatures, etc. that are normally included on the Special Processor's certificate of conformance must be validated.
- c. Physical characteristics of materials such as prime, paint, fuel tank coating, location of masking areas, location of electrical bond areas, etc. should be verified as part of the FAI process.
- d. PCC AEROSTRUCTURE DORVAL INC should obtain and validate objective evidence reasonably necessary to ensure that the Special Processor has performed the processes according to contractual requirements. PCC AEROSTRUCTURES DORVAL INC does <u>not</u> solely rely on the Special Processor's appearance in QCS-001 as sufficient evidence, as QCS-001 is a list of qualified Special Processors and does not guarantee parts were processed correctly.

A list of special processes, along with the approved source used to perform that process (QCS-001 or otherwise) is expected to be part of the FAI package.

The Special Processor's completed AS9102 forms will become a part of the supplier's completed FAI package, retained as Quality records and made available to LM Aero upon request.

Parts supplied in fulfillment of Lockheed Martin Aeronautics F-35 JSF program requirements must be procured from an approved source of supply listed in F-35 Program Document 2GNA00001, Approved Manufacturer list for Standard Parts.

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EMAP requirements apply to all Lockheed Martin direct contracts other than F-16 and F-2 programs. Material supplied in fulfillment of Lockheed Martin Aeronautics F-16 program requirements must be procured from an approved source of supply in accordance with applicable Qualified Materials List (FQML).

\*\*For Lockheed Martin Procurement Only End\*\*

\*\* For Northrop Grumman Procurement Only Start \*\*

Providers of standard hardware shall comply in all respects with NG Counterfeit Parts Prevention as defined in SQAR 01-31-11 Paragraphe 3.11 at https://oasis.northgrum.com/contract/masdqa/SQAR 101211.pdf

Suppliers of next higher assemblies shall flow this requirement to all their sub-tier suppliers to prevent the inadvertent use of counterfeit parts and materials. Certifications from the OCM/OEN/AAM must be readily retrievable and made available upon request.

All Specification used are at the latest revision listed in the document: "JSF F-35 Latest Revision Specs R01.xlsx"

- \*\*For Northrop Grumman Procurement Only End\*\*
- \*\* For Bombardier Procurement Only Start\*\*

PCC AEROSTRUCTURES DORVAL INC Bombardier Vendor Code: 109219

Processing and Materials to be accomplished in conformance to this Purchase Order is directly related to a Bombardier Purchase Order and must be accomplished in accordance with process(es) specifications (See Bombardier Latest Revision Specs R01.xlsx) on this Purchase order, and with the revision of Bombardier QD 4.6-40 & EMCM-001 at the date of the P.O.

Suppliers listing for specifications requirements can be found at:

http://bombardier.com/files/en/supporting\_docs/3\_5\_2.pdf

Material for the parts listed in this purchase order must be obtained from ThyssenKrupp Aerospace under the Bombardier right to Buy Agreement. When ordering from ThyssenKrupp Aerospace, you must clearly indicate that it is for work subcontracted from PCC AEOSTRCUTURES DORVAL INC. under contract Number C7617-LOA2 as well as the part number for which the material is required.

For your questions concerning bombardier material orders please contact: Matthew Nolet Contract administrator

ThyssenKrupp Aerospace 19700 Clark Graham, Baie d'Urfe Quebec, Canada H9X 3R8

Tel: 514-728-9527 Fax: 514-457-8772

Matthew.Nolet@ ThyssenKrupp.com

### Notice:

The latest copy of the Dorval Quality Management System (DQMS) Documentation Index is kept in the Documentation Control Centre and saved on the Quality Drive under the directory "DQMS Index". The signatures of the "General/Quality Manager Aerostructure Division" are on the QMS index to certify that this document complies with the latest requirements of AS-9100. Printed copies of this document are not controlled and will not be updated. They are available to PCC Dorval personnel for reference purposes and training only. It is the responsibility of each individual to ensure that any printed copy reflects the latest revision level.



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Hardware supplied in fulfillment of Bell Helicopter requirements must be procured from an approved source of manufacturing listed in the lasted revision of the approved source list 299-099-900

All specifications used are at the latest revision listed in the document: "Bell Helicopter latest revision specs r01.xlsx

For all BHTCL order shipped from outside Canada all wood material must conform to ISPM 15- Regulation of Wood Material in International Trade.

\*\* For Bell Helicopter Procurements Only End\*\*

The Quality System Provisions Noted below are Integral to this Purchase order and are imposed as applicable to the commodity or service being procured.

#### **CALIBRATION SERVICES:**

Calibration SERVICE PROVIDERS SHALL MAINTAIN A QUALITY SYSTEM IN ACCORDANCE WITH ONE OF THE FOLLOWING: ISO 10012, ISO 17025, OR ANSI Z5470-1 hardness and/or conductivity testing equipment must be calibrate and certified to the requirements of ASTM E 18, ASTM E 1004 and ASTM E 110.

### MATERIAL TESTING LABORATORIES:

Material testing services providers shall maintain a quality system in accordance with the applicable requirement of ISO/IEC 17025 and be A2LA accredited with NADCAP accreditation to AS7101 for Material Testing.

<sup>\*\*</sup>For Bombardier Procurements Only End\*\*

<sup>\*\*</sup> For Bell Helicopter Procurements Only Start\*\*