



PRODUCT ASSURANCE PROVISIONS

REVISION / APPROVAL PAGE

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Revision	Date	Revision Record
NC	03-02-15	QMS rewrite, document revised to align to established organizational growth and AS9100C requirements.
A	5-8-2015	Revised PAP 41 added Customer DPD applicable Specifications and requirements.
B	7-29-15	Added Clause 45 to appropriately address Conflict Materials
C	11-12-15	Added 0.1 for clarification of PAP Clause applicability.
D	2-15-16	Added Clause 46 to appropriately flow-down Industrial Change requirements.
E	4-18-16	Added Clause 16 Material Substitution prohibition
F	1-15-18	Revised to align with AS9100 Rev. D
G	10/17/18	Revised to include Corona facility and consolidate applicable requirements. Added: 12.1. (Process Approval), 14.1 (Material Safety Data Sheet), 16.1A (DFARS 252.225-7014), 16.1B. (Forging Qualification) and 21A (AS9102 FAI),
H	3-12-21	Revised the record retention from 7 years to 10 years Added section 45.1 to address the Supplier flow down safety requirements as per AS9100 sec. 8.4.3



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- 0.1 Items noted with (*) are required if deemed applicable to the specific Supplier type, or if identified and listed specifically as applicable on the Purchase Order. All other clauses apply as noted.

1. INSPECTION OF SUPPLIES

The supplier shall have, or establish and maintain an adequate inspection system appropriate to the size and nature of its operation, but of sufficient scope to assure that supplies delivered under this order will comply with all the applicable drawings, specifications, and other purchase order requirements. Supplier shall respond to all Corrective Action Requests. Quality data Records (e.g. Certifications, Planning, Technique Sheets and Inspection and test Reports.) shall be available upon request and shall be retained for Ten (10) years after completion of order, or as otherwise specified by contract.

2. QUALITY PROGRAM

The Quality System shall be in compliance with ISO 9001/ AS 9100 Quality Program Requirements.

3. INSPECTION SYSTEM

The Quality System shall be in compliance with Mil-I-45208 or AS 9100 Quality Program Requirements.

4. CALIBRATION SYSTEM

The supplier shall be responsible for providing and ascertaining the correctness of tools, gages, and test equipment. The calibration system shall comply with ANSI/NCSLZ540-1. Records of calibration shall be available for review upon request.

*5. ACROMIL SOURCE INSPECTION

Source inspection by Acromil Quality Assurance Representative is required prior to shipment of items from your plant. Supplier shall notify Acromil Quality Assurance at least (3) days prior to availability of supplies for inspection. Supplier shall provide necessary equipment and/or to perform inspection and test. Performance of Source Inspection does not relieve Supplier from responsibility should discrepant conditions be discovered at Acromil incoming inspection or at final destination. Acromil reserves the right to waive Source Inspection for specific shipments at any time based upon the satisfactory receipt of previous supplies. Such waiver shall be in the form of written authorization signed by a member of Acromil Quality Management.

6. RIGHT OF ACCESS

During the performance of this order, your Quality Control or Inspection and Manufacturing processes are subject to review, verification, and analysis by an authorized Acromil, Government/ Regulatory Agencies and/or Customer representative(s).

*7.1. GOVERNMENT SOURCE INSPECTION (GSI) AT SUPPLIER FACILITY

Government Source Inspection and/or test at all times and places is required prior to shipment from your plant. Upon receipt of this order, promptly furnish a copy to the government representative who normally services your plant so that appropriate planning can be accomplished, or if none, to the nearest Army, Navy, Air Force or defense supply agency office. In the event the representative or office cannot be located, the responsible Acromil buyer should be notified immediately.

*7.2 GOVERNMENT SOURCE INSPECTION (GSI) AT ACROMIL FACILITY

The items covered by this purchase order will be subject to Government Source Inspection at ACROMIL facility. Enclose all required certification and test data, as required by the purchase order, drawing, SQAP, QAR, QAP, and other applicable specifications.



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***7.3 SELECTIVE EVALUATION/GOV'T SOURCE INSPECTION**

The items covered by this purchase order are subject to Selective Evaluation/Government Source Inspection prior to shipment from your plant. The government representative reserves the right to waive Source Inspection when analysis of his/her Selective Evaluation meets the necessary requirements. This does not in any way relieve you of the responsibility to ensure that delivered products comply with all specification requirements.

***8. SQAP/QAR/QAP/CSL APPLICABLE**

The drawings and/or specifications list the mandatory requirements for minimum inspection and test of item(s) being purchased on this order.

***9. 1 PART IDENTIFICATION REQUIREMENTS**

Identify all parts and materials per drawing, using part number, revision letter and serial number, as applicable. The serial number shall be referenced on all test and inspection data.

In addition, when drawing requires the material to be identified in accordance with MIL-STD-130, the Acromil CAGE Number shall be used as the MFR for applicable order.

9.2 PART SERIALIZATION/LOT TRACEABILITY

Part Serialization and/or Lot Traceability Must Be Maintained at All Times, Part Number, applicable Lot Number, or Serial Numbers Shall Be Referenced on All Certification, Test, Inspection and Shipping Documents. Heat Treat Lot Control Shall be Maintained if Applicable. Required Traceability shall be maintained throughout all manufacturing and processing stages, maintaining full traceability to Material origin and certifications.

Additionally, Acromil Memo Shippers Forwarded to Processor/ Supplier Shall Contain The Applicable Part Number, Serial Numbers and/or Lot numbers and shall as well conform to the above Noted Requirements.

***10. ASSEMBLY MARKING**

All assembly or parts must be identified with the date of manufacture by rubber stamp, impression, attached tag or other suitable means.

11. LOT CONTROL AND IDENTIFICATION

Lot control and identification are required per drawing.

12. CERTIFIED PROCESSES

Process performed to applicable military and Acromil specifications must be certified and certificate attesting thereto shall accompany each shipment stating that evidence of this certification is on file and available for examination.

12.1. PROCESS APPROVAL

Any special processes including, D6-1276; Fracture Critical, Maintenance Critical, Fatigue Critical, welding, heat treating, and non-destructive testing, must be approved by Acromil in advance of use by Seller or its subcontractor. Seller shall maintain objective evidence that any such process was performed in accordance with applicable specifications.

13. CERTIFICATION (COC)

Certificate of Conformance or Certificate of Compliance, as applicable, must accompany each shipment of materials. Certificates must include the 1) supplier name, 2) Acromil Purchase Order, 3) Part Number, 4) Revision and 5) Quantity. Certifications must contain the signature and title of the authorized supplier representative responsible for certifications. The certifications must contain a statement that the supplier has on file and available for examination, evidence of conformance to the applicable specifications. Acromil Quality Assurance reserves the right to request test data supporting the Certifications. When requested, supplier shall forward test data to Acromil.



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***14. AGE CONTROL – CERTIFICATION**

Supplier of material shall mark the parts and exterior container in accordance with the specification, as required, including the identification of manufacturer, cure date and expiration dates.

Supplier shall provide certification to actual specification, and revision; including batch identification, manufacture date, cure Date, and expiration date, as required. The certificate shall bear the signature and title of supplier's authorized representative, and state that evidence of compliance is on file and available upon request.

In addition, the certificate shall include information whether the shelf life is to be controlled at room temperature or at refrigerated condition, as well as information if shelf life can be extended by refrigeration. Material with less than 70% of useful life shall not be shipped on this order.

14.1. MATERIAL SAFETY DATA SHEET REQUIRED

MSDS must accompany shipment, (Hazardous Material, Paints, Sealants).

15. TEST REPORTS

Supplier shall furnish performance test data for tests conducted on, and identifiable to the article(s) submitted (by serial number/lot #), when applicable. Performance test reports must contain the signature and title of the person (or traceable inspector stamp) responsible for the tests. Particular emphasis shall be given to characteristics that cannot be verified at Acromil facility. Traceability to Acromil purchase order is required.

16. MATERIAL SUBSTITUTION PROHIBITION

a. Unauthorized Material Substitution (General)

Unauthorized material substitutions are not permitted on Acromil's Goods. Unauthorized material substitution includes any deviation from the engineering definition of a raw material. Engineering definition includes Buyer/customer design drawings 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 Acromil's Authorized Procurement Representative for details regarding deviations to authorized materials. Supplier agrees and understands that such deviations only apply to this purchase order, and only as indicated in the Acromil's 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 – customer 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.

Supplier 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 thermo- mechanical processing or casting process. Chemical, electrochemical and mechanical methods used for the removal of surface scale or contamination, or the production of the



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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 Acromil and Acromil's customers. 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, Supplier 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 Acromil 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 -** Additional information and guidance may be found through Acromil's Authorized Procurement Representative.

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

16.1 SUPPLIER FURNISHED MATERIAL/RAW MATERIAL CERTIFICATION

Supplier shall include with the Certificate of Conformance a raw material certification stating type, grade, and applicable specification of the raw material(s) used to manufacture the purchased item. Materials must be procured from an Acromil and Acromil's Customer Approved Sources as applicable. Contact Acromil Purchasing or Quality if necessary. Traceability to Acromil purchase order is required.

16.1A. **DFARS 252.225-7014 PREFERENCE FOR DOMESTIC SPECIALTY METALS,**

Alt 1 is invoked in this P.O. If either stainless steel or titanium are called out on this P.O. they must be melted in the United States or a qualifying country and material certs you provide must indicate that. Qualifying countries include; Australia, Belgium, Canada, Denmark, Egypt, Germany, France, Greece, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom, and Northern Ireland.

16.1B. **FORGING QUALIFICATION:**

(DFQR) Certificate required by Mill Supplier approved by Customer: D6-1276; Fracture Critical, Maintenance Critical, Safety Critical.

16.2. CHEMICAL/PHYSICAL TEST REPORTS

Supplier shall furnish chemical analysis and physical test reports with each shipment. Reports must include heat or lot number, actual results of test, and bear the company name, signature and title of an authorized representative of the company. Traceability to Acromil purchase order is required.

***16.3 SUPPLIER FURNISHED RAW MATERIALS**

(Boeing Product Specific)

As existing raw material commitments are completed, Supplier shall procure from:

<TMX aerospace @ 1-877-2-BOEING>

All raw material of the commodity type (aluminum - sheet, plate, or extrusion) necessary to support this order. Any deviation from this requirement must have prior approval, in writing, from the Acromil Purchasing Department

***17. COUPONS/SPECIMENS**



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Supplier shall submit coupon/specimen by separate cover, to the attention of Acromil QA, of sufficient material representative of the process, to perform the required inspection/test. Coupons/specimens shall be shipped prior to or with products and identified by part number, purchase order and applicable heat, melt, lot numbers and other applicable processes.

18. NONCONFORMING MATERIAL (NCM)

Material not in compliance to drawing(s) or specification(s) requirements shall not be shipped without prior Acromil approval. Supplier may request same by notifying ACROMIL Quality Assurance in writing of actual discrepancy, reason for discrepancy, and action taken to prevent recurrence. If authorization is given to ship, nonconforming items must be identified and segregated from conforming supplies. Acceptance will depend upon verification of discrepancy and final approval at Acromil.

19. DOCUMENTATION CHANGE CONTROL/CONFIGURATION MANAGEMENT

Supplier shall maintain adequate control to assure drawing revision that are incorporated through purchase order changes, are implemented in a timely manner. Items that are affected shall be identified, segregated, and packed separately at established points. Further, the supplier shall notify and obtain approval from Acromil for proposed changes in the design or processes of the products.

20. APPROVED SOURCE

a. Supplier shall be responsible to ensure that procurement source for certified processes and operations are the "Approved Source" required by Acromil, Acromil's Customer and the drawing requirement. (Example: Boeing D1-4426, etc.)

b. Supplier of assemblies who install components or sub-assemblies using drawings defined as "Approved Source" Products as outlined above must substantiate compliance by forwarding the "Approved Source" certification, or other means of identification, with each shipment of supplies to Acromil.

c. Counterfeit Parts Prevention will be maintained by suppliers in accordance with industry standard AS6174 (Materials) and AS5553 (Electronic Components), and suppliers shall ensure that Counterfeit Parts, Material or work is not delivered to Acromil. If suppliers become aware or suspects that it has furnished counterfeit parts or work, Acromil will be notified immediately and product shall be accordingly handled as discrepant. Counterfeit Parts is defined as work that is or contains items misrepresented as having been designed and/or produced under an unapproved system, procured from an unapproved independent distributor, Work that has reached a design life limit, has been damaged beyond possible repair, but is altered and misrepresented as acceptable or has been reworked, identified and sold as new.

***21. FIRST ARTICLE INSPECTION**

A 100% dimensional inspection shall be performed on the first piece of the production lot. Parts must be identified with part number, purchase order number and appropriate First Article Tag. To expedite material flow, it is recommended that the Supplier include a copy of its own completed first piece inspection report with the part. Supplier may request waiver of this requirement based upon previous approval on a purchase order and/or government contract, provided that no change has been made in facilities or methods of manufacture, and there has not been an interruption in production of more than 12 months since approval. Request of waiver must be submitted in writing to Acromil Quality Assurance and include objective evidence of prior First Piece acceptance. First Articles may be requested to be provided on Acromil Form # A-452 if required in accordance with Work Instruction WI-Q010 & WI-Q011 if required this will be requested on Purchase Order. Contact Acromil Quality if any questions regarding FAI requirements.

***21A. AS9102 AEROSPACE FIRST ARTICLE INSPECTION REPORTS**

First Article Inspection (FAI) shall be performed by the seller in accordance with the requirements of the latest revision of AS9102. The forms contained with-in AS9102 shall be used.



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***22 FIRST ARTICLE INSPECTION/TEST**

First Article Inspection/Test is required, including Performance Testing and Evaluation to the extent required by the Government Quality Assurance Representative. The supplier is responsible for scheduling Inspection/Test to obtain government QAR concurrence and provide ten (10) days notice to allow Acromil the option of witnessing the same. Request for waiver of this requirement may be made in accordance with the criteria listed in PAP 21.

***23. NONDESTRUCTIVE TESTING (NDT)**

Suppliers performing Nondestructive Testing processes shall provide certifications, and/or test reports stating the applicable specification and revision, and bear the signature and title of an authorized representative of the organization performing the test(s). In the case of radiographic examination, films must be submitted to Acromil upon request. Traceability to Acromil purchase order is required.

***24. HARDNESS AND CONDUCTIVITY TEST CERTIFICATION**

Supplier shall submit results of hardness and conductivity test performed on material furnished, if required. Hardness and conductivity data must be kept in appropriate scale, provide case depth data if required, and bear the signature and title of an authorized representative of the organization performing the test. Traceability to Acromil purchase order is required.

***25. DIRECT SHIPMENT**

Direct shipment is authorized from your facility. Prior to this shipment, all necessary Acromil and/or customer source, as required by the purchase order and attachments have been completed and verified for compliance.

***26. QUALIFIED PRODUCTS LIST (QPL)**

Suppliers of products such as electronic components, primers, enamels, oil, welding rod, switches, regulators, etc., Direct to Acromil are responsible to furnish these products as listed on the applicable Qualified Products List (QPL) or evidence that they have been approved for inclusion on such list. They must substantiate the qualification by listing the product, the name of manufacturer, the QPL number, revision and date of applicable QPL on the certification for components or sub-assemblies. If there is a shelf life for the product, the expiration date must be noted on the certification and/or the product.

Supplier accomplishing final surface finish operations such as painting or installation of components or sub-assemblies using QPL products as outlined above, must substantiate the qualification as described above.

27. PPP&M REQUIREMENTS

Supplier shall deliver purchased items meeting the requirements of best commercial practices. In addition, all parts shall be provided with adequate protection from damage including corrosion and/or contamination, as applicable.

***28. STATISTICAL PROCESS CONTROL (SPC)**

Supplier shall have a Statistical Process Control program in effect in their facility with applicable procedures. Statistical data shall be submitted as evidence that the supplier's parts/processes are within the Statistical Process Control limits to prevent points out of specification tolerances. SPC techniques as defined in SAE AS9103 shall be implemented per customer contract requirements.

***29.1. WELDING CERTIFICATION**

Supplier shall furnish a Certification of Compliance for welding/joining processes used in the fabrication of purchase order. Certificate shall state the specification and revision, bear the signature and title of an authorized representative of the manufacturer performing the process, and include a statement that evidence of compliance is on file and available to Acromil upon request. Traceability to Acromil purchase order is required.



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***29.2. WELDING PROCEDURE**

Supplier shall prepare and submit to Acromil Quality Assurance, a procedure in accordance with the applicable welding/joining specification. When required by the specification, a workmanship specimen shall be prepared for approval through Supplier's government QA Representative. If government does not normally service supplier facility, the specimen may be submitted to Acromil for submittal.

***30. WORKMANSHIP SPECIMEN**

Supplier shall submit by separate cover, to the attention of Acromil Quality Assurance, a workmanship specimen representative of the procedure (PAP clause 29.2) to perform the required inspection and test. Workmanship specimens shall be shipped prior to or with the products and identified with part and purchase order number. Shipment of products shall not be held awaiting approval of workmanship specimen.

***31. WELDING EQUIPMENT APPROVAL**

Supplier shall provide certification of equipment used in the performance of spot, seam, or resistance welding processes, as required by the applicable specification(s).

32. ADDITIONAL REQUIREMENTS NECESSARY

33. NO PAP REQUIRED

34. SUPPLIER FOD REQUIREMENTS

Supplier shall maintain a FOD prevention program. Supplier's FOD prevention program shall include the review of design and manufacturing processes to identify and eliminate foreign object entrapment areas and paths through which foreign objects can migrate. Supplier shall ensure work is accomplished in a manner preventing foreign objects or material in deliverable items. Supplier shall maintain work areas and control tools, parts and materials in a manner sufficient to preclude the risk of FOD incidents. Supplier shall document and investigate each FOD incident and ensure elimination of the root cause of each such incident. By delivering Items to Acromil, Supplier shall be deemed to have certified to Acromil that such items are free from any foreign materials that could result in FOD.

***35. AIRBUS GRAMS Requirements for Special Processing Suppliers;**

Suppliers who are contracted to provide Special Processes to Acromil for Airbus products shall abide by the following requirements per Airbus GRAMS AP2190 Issue C.

AI-GRAMS-L-400303-C Industrial Process Flow Chart.

AI-GRAMS-L-400304-C Industrial Process Layout (Spaghetti Diagram)

AI-GRAMS-L-400305-C Continuous Improvement: (Continuous Improvement Processes/Lean Manufacturing Processes).

AI-GRAMS-L500212-C Product, Process & Sub-Process Key Characteristics.

AI-GRAMS-L-400404-C Capacity Management.

AI-GRAMS-L-400407-C Backorder Management

AI-GRAMS-L-400801-C Delays Analysis Process

AI-GRAMS-400404-C Bottleneck Identification

AI-GRAMS-400404-C Industrial Change Management

AI-GRAMS-500213-C Manufacturing Inspection Means & Tools

AI-GRAMS-310401-C Identification, Traceability, Configuration Management.

AI-GRAMS-320201-C AS9100 Compliant as it relates to your Special Process and Quality/Business Management System.

AI-GRAMS-L320316-C NADCAP Certification

AI-GRAMS-400610-C Suppliers shall partner with Acromil Monitoring activities as it relates to Recovery and Improvement Actions when required.

AI-GRAMS-L400602-C Must be an Airbus and Acromil approved supplier and adhere to all national, international, proprietary and Airbus Specifications.

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(Refer to “Cascade of Airbus GRAMS Requirements to Acromil Subcontractors” matrix for detailed explanation of Acromil & Airbus requirements)

***36. AIRBUS GRAMS Requirements for Machining Suppliers**

Suppliers who are contracted to provide Machining Processes to Acromil for Airbus products shall abide by the following requirements per Airbus GRAMS AP2190 Issue C.

AI-GRAMS-L-400303-C Industrial Process Flow Chart.

AI-GRAMS-L-400304-C Industrial Process Layout (Spaghetti Diagram)

AI-GRAMS-L-400305-C Continuous Improvement: (Continuous Improvement Processes/Lean Manufacturing Processes).

AI-GRAMS-L-400404-C Capacity Management.

AI-GRAMS-L-400407-C Backorder Management

AI-GRAMS-L-400801-C Delays Analysis Process

AI-GRAMS-400404-C Bottleneck Identification

AI-GRAMS-400404-C Industrial Change Management

AI-GRAMS-500213-C Manufacturing Inspection Means & Tools

AI-GRAMS-310401-C Identification, Traceability, Configuration Management.

AI-GRAMS-L500212-C Product, Process & Sub-Process Key Characteristics.

AI-GRAMS-320201-C AS9100 Compliant as it relates to your Quality/Business Management System.

AI-GRAMS-400610-C Suppliers shall partner with Acromil’s Monitoring activities as it relates to Recovery and Improvement Actions when required.

AI-GRAMS-L400602-C Must be an Airbus and Acromil approved supplier and adhere to all national, international, proprietary and Airbus Specifications.

(Refer to “Cascade of Airbus GRAMS Requirements to Acromil Subcontractors” matrix for detailed explanation of Acromil & Airbus requirements)

***37. AIRBUS GRAMS Requirements for Standard Components (Stockist/Distributors) Suppliers**

Suppliers who are contracted to provide Standard Components (fasteners, bearings, Sealants, Foil Tape, hardware, metallic materials, etc.) to Acromil for Airbus products shall abide by the following requirements per Airbus GRAMS AP2190 Issue C.

AI-GRAMS-L-400305-C Continuous Improvement: (Continuous Improvement Processes/Lean Manufacturing Processes).

AI-GRAMS-L-400407-C Backorder Management

AI-GRAMS-L-400801-C Delays Analysis Process

AI-GRAMS-310401-C Identification, Traceability, Configuration Management.

AI-GRAMS-320201-C AS9100 Compliant as it relates to your Quality/Business Management System.

AI-GRAMS-400610-C Suppliers shall partner with Acromil’s Monitoring activities as it relates to Recovery and Improvement Actions when required.

AI-GRAMS-L400602-C Must be an Airbus and Acromil approved supplier and adhere to all national, international, proprietary and Airbus Specifications.

(Refer to “Cascade of Airbus GRAMS Requirements to Acromil Subcontractors” matrix for detailed explanation of Acromil & Airbus requirements)

***38. Airbus GRAMS Requirements for suppliers of Specified Material & Semi-Finished Products. Raw**

Material, Forgings, Bar Stock & Plate coming from Material Manufacturer. Suppliers who are contracted to provide Material Products to Acromil for Airbus products shall abide by the following requirements per Airbus GRAMS AP2190 Issue C.

AI-GRAMS-L-400303-C Industrial Process Flow Chart.

AI-GRAMS-L-400304-C Industrial Process Layout (Spaghetti Diagram)



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AI-GRAMS-L-400305-C Continuous Improvement: (Continuous Improvement Processes/Lean Manufacturing Processes).

AI-GRAMS-L-400404-C Capacity Management.

AI-GRAMS-L-400407-C Backorder Management

AI-GRAMS-L-400801-C Delays Analysis Process

AI-GRAMS-400404-C Bottleneck Identification

AI-GRAMS-400404-C Industrial Change Management

AI-GRAMS-500213-C Manufacturing Inspection Means & Tools

AI-GRAMS-310401-C Identification, Traceability, Configuration Management.

AI-GRAMS-320201-C AS9100 Compliant as it relates to your Special Process and Quality/Business Management System.

AI-GRAMS-L320316-C NADCAP Certification

AI-GRAMS-L400602-C Must be an Airbus and ACROMIL approved supplier and adhere to all national, international, proprietary and Airbus Specifications.

AI-GRAMS-400610-C Suppliers shall partner with Acromil Monitoring activities as it relates to Recovery and Improvement Actions when required. (Refer to “Cascade of Airbus GRAMS Requirements to Acromil Subcontractors” matrix for detailed explanation of Acromil & Airbus requirements)

39. International Traffic in Arms Regulation (ITAR) Control

‘Export Notice: The information disclosed herein may include United States origin technical data. Accordingly, the receiving party is responsible for complying with and assures the disclosing party that it will comply with all export regulations of the United States, including the U.S. Department of State International Traffic in Arms Regulation (Title 22 CFR parts 120-130), the U.S. Department of Commerce Export Administration Regulations (Title 15 CFR 768-799), and any other U.S. Government regulations applicable to the export or disclosure of such controlled technical data (or the products thereof) to Foreign Nationals, whether within or without the U.S., including those employed by or otherwise associated with the receiving party’. Acromil its employees and its subcontractors shall not use or disclose documents, information or technical data in any manner contrary to the laws and regulations of the United States’.

40. Handling, Storage, Packaging, Preservation, Delivery & Identification.

Suppliers shall package/pack and identify products in compliance with applicable Acromil and/or Customer specifications, drawings and standards. Supplier shall also define & implement the handling, storage, preservation and delivery processes concerning product, sub-assemblies, components and parts.

*41. Digital Data Verification

All customer CAD Models forwarded to supplier shall be validated back to Authority Dataset
All DPD/MBD associated Suppliers shall maintain qualification and adherence to the requirements of the associated Customer, i.e.: Boeing requirements of D6-51991, LM 79E040001, Spirit MAA1-10009-1, etc. Supplier verification and monitoring to may be performed in accordance Acromil Supplier Controls for DPD/MBD associated requirements utilizing applicable audit reports and checklists as deemed necessary per Acromil and Acromil's Customers procedures and specifications.

42. Business Confidential and Proprietary Statement:

During the performance of this order, Technical Documents and Data may be forwarded from Acromil to our Suppliers, These Documents and Data may contain confidential or proprietary information of Acromil, and are intended solely for the information and use of parties performing or reviewing the requirements stated herein. Such confidential or proprietary information may not be used, reproduced, or disclosed to any other parties unless formally authorized and approved by signatories noted herein.

43. Acromil /Customer/Government Furnished Material and Tooling (CFM/GFM)



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Suppliers that receive CFM/GFM for the performance of subject Order, shall maintain a management system capable and/or approved for appropriately receiving, documenting, tracking, maintaining, segregating, identifying, discrepancy reporting, etc., as well as providing accurate inventories as required for all supplied Customer and Government Furnished Property in accordance with industry standards and Quality Management Systems noted in item 3 above, and applicable customer requirements.

44. Flow down of Acromil Customers Requirements

The Acromil Purchase Order may be utilized as necessary to Flow down any applicable Acromil Customer special requirements or special instructions as deemed pertinent to the performance, task or service being contracted by supplier. Acromil's Customer approved Suppliers are obligated to adhere to cognizant Customer requirements, (example given: Boeing approved suppliers are implied to maintain Tool Controls, Process Controls, DPD Controls, etc. in accordance with Boeing specifications, standards and requirements), and so on, depending on specific final customer, product and scope of work.

45. Conflict Minerals

Seller acknowledges that Acromil's ultimate Customers, may be subject to Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the "Act") and the implementing rule promulgated by the U.S. Securities and Exchange Commission ("SEC") which will require reporting related to tin, tantalum, tungsten and gold (the "Conflict Minerals") contained in products sold by Acromil. Seller shall promptly provide such written certifications concerning Conflict Minerals contained in products, components, parts and materials supplied to Acromil by Seller as Acromil may request from time to time. Seller acknowledges that for purposes of any reports our customers may file with the SEC, Acromil and our customers will rely on the accuracy and completeness of each such certification. Seller represents and warrants that it has adopted and will maintain a supply chain policy and procedure to conduct, and require its suppliers to conduct, a reasonable inquiry to determine (i) whether the products, components, parts or materials supplied to Acromil contain Conflict Minerals and (ii) whether the source of any such Conflict Minerals is not derived from recycled or scrap materials provided by the Democratic Republic of the Congo or an adjoining country and if so to perform due diligence to identify the facilities used to process such Conflict Minerals and make efforts to identify the location of each mine or location of origin of such Conflict Minerals with the greatest possible specificity. Seller represents, warrants and certifies that its products, parts, components and materials are not, and will not be, produced with child, indentured, forced or prison labor.

45.1 Information for External Providers

Seller or its subcontractor shall ensure that their employees are aware of their contribution to product or service conformity to;

- Contribution to Product or service conformity
- Their contribution to Product Safety
- The importance of ethical behavior

46. Industrial Change

Suppliers will not implement any industrial change without the prior agreement from Acromil. Suppliers shall immediately notify Acromil of Changes and Work Transfer as noted below, which includes: Changes in product and/or process, Changes of suppliers and Changes of manufacturing facility location.

46.1 In accordance with Acromil requirements, Supplier shall inform Acromil prior to any Industrial Change such as:

- 46.1.1 Work transfer (plant relocation, subcontracting, sub-tier supplier change),
- 46.1.2 New manufacturing process and/or manufacturing process changes,
- 46.1.3 Plant reorganization,
- 46.1.4 New ERP, Enterprise Resources Planning Changes,



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PRODUCT ASSURANCE PROVISIONS

- 46.1.5 Means and Tools Changes, etc.
- 46.1.6 Other changes related to Supply chain topics (capacity, capability, etc.).

- 46.2 Supplier will provide to Acromil if required, at least:
 - 46.2.1 Product identification,
 - 46.2.2 Change description,
 - 46.2.3 Reason for change,
 - 46.2.4 Product change implementation start,
 - 46.2.5 Risk identification and mitigation status,
 - 46.2.6 Associated schedule, and or schedule issues.