

Current Revision

Revision	ECO #	Date	Change Description	Prepared By
R	C62469	4/8/2024	Complete rewrite. Added Supplier Requirements Compliance Matrix.	F. Nunez

APPROVALS

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Quality & Compliance

Production Operations

Specification, Supplier Quality Requirements

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Revision History

Revision	ECO #	Date	Change Description	Prepared By
A	C08661	2013-09-09	Initial Release	J. Wojniak
B	C13512	2014-11-14	See Agile Record	R. Jessep
C	C16376	2015-08-18	See Agile Record	E. Klaus
D	C20028	2016-04-15	Added new section 4.4: Establish a supplier-reporting requirement for products, articles, or services that have been released from or provided by the supplier and subsequently found not to conform to the production approval holder's requirements	E. Klaus
E	C20625	2016-06-02	Added Section 4.3.1 Clarifying MRB Authority; Updated Section 7 providing direction for paperless data submission from supplier; Section 7.5 added requirement for identification of revision and added clarification on CoC acceptance statement; 7.6 removed the statement of Raw material certification only on structural components; added 7.12 Rework and Replacement Data Requirements	E. Klaus
F	C21940	2016-08-02	Update to Rework or Replacement section to include update to traceability, return of replaced parts, root cause and criteria for pictures of rework.	J. Jones
G	C27538	2017-04-28	Remove redundant sections. Update CoC requirements.	J. Jones
H	C32980	2017-12-1	Re-write to align with AS9100 requirements.	J. Jones
J	C36488	2018-3-23	Update section 1 to cover ethical behavior and supplier contributions to conformity and safety.	J. Jones
K	C39569	2018-7-11	Complete rewrite to incorporate requirements of 14 CFR Part 21.137 and AS9100:2016 that were removed starting in Rev G. Added additional required updates based on current Gogo BA Supplier Quality process.	A. Megargle
L	C42344	11/12/2018	Update to section 6.5 to refer to the AS5553 requirements and remove specifics of the requirement in this document.	J. Van Oss
M	C53396	2020-01-20	Complete rewrite	A. Megargle
N	C55306	2020-5-8	Added section 8.8 - traceability matrix. Updated verbiage in 8.3 and 8.4 to reflect the new traceability requirements. Added a note to section 10.2 about the traceability matrix and a reference to the FAI appendix. Added Appendix A for AS9102 form instructions. Updated section 11.2 to remove the wording "deviation". Updated section 8.2 to include packing slip.	A. Megargle
N	A00376	2020-5-26	Fixed typo in section 9.2, NAS 410 should be NAS 412.	A. Megargle
P	C56433	2020-8-21	Added "build-to-print" in section 5.3, moved definitions to top of section 8, added COTS language to section 8.2, updated section 8.4 and 8.5 to better define traceability requirements, updated matrix in section 8.9	A. Megargle

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Purpose

This document establishes the supplier quality requirements for Gogo Business Aviation LLC.

Scope

These Quality Requirements apply to all products, materials and/or services that are purchased from approved suppliers. Acceptance of a purchase order signifies that a supplier has accepted all applicable requirements relevant to their statement of work listed in this document aside from any documented exceptions approved by Gogo Quality.

Supplier Type Definition Matrix & Supplier Requirements Compliance Matrix

The Supplier Type Definition Matrix, Table 1, groups and defines supplier types by the product or service provided. The Supplier Requirements Compliance Matrix, Table 2, uses these same supplier types and designates which requirements apply based on supplier type. Each requirement paragraph in Table 2 will identify if a requirement is applicable by either a “Y”, indicating that the supplier shall comply with the requirement clause, or an “N” indicating that the requirement is not applicable.

Supplier Type	Definition
COTS	A supplier who sells standard parts and components that are commercially available.
PCB & PCBA	A supplier who produces printed circuit boards and/or printed circuit board assemblies.
Machining & Sheet Metal	A supplier who produces metallic parts via processes that may include milling, routing, turning, stamping, forming, cuttings, and others.
Cable & Wire Harness	A supplier who fabricates cables and wire harness assemblies.
LRU & Composite	A supplier who provides fully assembled Line Replaceable Units (e.g. Antennas, Box Builds)
Calibration Service Provider	A supplier that provides calibration services for Gogo’s calibrated equipment.
Other Services	A supplier who provides other services that are not mentioned above (e.g. Failure Analysis, Engineering Services, Tooling, Fixturing, Legal Services, Catering, Hotels)

Table 1 – Supplier Type Definition Matrix

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Clause No.	Clause Title	Supplier Type						
		COTS	PCB & PCBA	Machining & Sheet Metal	Cable & Wire Harness	LRU & Composite	Calibration Service Provider	Other Services
1	Awareness	Y	Y	Y	Y	Y	Y	N
2	Calibration	Y	Y	Y	Y	Y	Y	N
3	Capabilities	Y	Y	Y	Y	Y	Y	N
4	Certificate of Conformance & Packing Slip	Y	Y	Y	Y	Y	Y	N
5	Change Notification	Y	Y	Y	Y	Y	N	N
6	Configuration Management	Y	Y	Y	Y	Y	Y	N
7	Control of Nonconforming Material & Material Review Board	Y	Y	Y	Y	Y	Y	N
8	Control of Work Transfer	Y	Y	Y	Y	Y	Y	N
9	Counterfeit Mitigation	Y	Y	Y	Y	Y	N	N
10	Document & Record Control	Y	Y	Y	Y	Y	Y	N
11	Record Retention	N	Y	Y	Y	Y	Y	N
12	Electrostatic Sensitive Devices & Moisture Sensitive Devices	Y	Y	Y	Y	Y	Y	N
13	First Article Inspection	N	Y	Y	Y	Y	N	N
14	Foreign Object Damage	Y	Y	Y	Y	Y	Y	N
15	Gogo Owned Assets	N	Y	Y	Y	Y	Y	N
16	Inspection	Y	Y	Y	Y	Y	N	N
17	Limited Shelf Life	Y	N	N	N	N	N	N
18	Notice of Escape	Y	Y	Y	Y	Y	Y	N
19	Packaging & Labeling	Y	Y	Y	Y	Y	Y	N
20	Production Control	N	Y	Y	Y	Y	N	N
21	Purchase Order	Y	Y	Y	Y	Y	Y	N
22	Quality Management System – Calibration	N	N	N	N	N	Y	N

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Clause No.	Clause Title	Supplier Type						
		COTS	PCB & PCBA	Machining & Sheet Metal	Cable & Wire Harness	LRU & Composite	Calibration Service Provider	Other Services
23	Quality Management System Certification	N	Y	Y	Y	Y	N	N
24	Requirements Review	Y	Y	Y	Y	Y	Y	N
25	Return Material Authorization	Y	Y	Y	Y	Y	N	N
26	Right of Facility Access	Y	Y	Y	Y	Y	Y	N
27	Special Process	N	Y	Y	N	Y	N	N
28	Supplier Corrective Action Requests	Y	Y	Y	Y	Y	Y	N
29	Supplier Evaluation & Approval	Y	Y	Y	Y	Y	Y	N
30	Supplier Management	Y	Y	Y	Y	Y	Y	N
31	TSO/PMA Certificate and Airworthiness Approval Tag	N	N	N	N	Y	N	N
32	Test Specimens	Y	Y	Y	Y	Y	Y	N
33	Traceability	Y	Y	Y	Y	Y	Y	N
34	Work Instructions	N	Y	Y	Y	Y	N	N

Table 2 - Supplier Requirements Compliance Matrix

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1 Awareness

The supplier shall ensure that its persons are aware of:

- Their contribution to product or service conformity
- Their contribution to product safety
- The importance of ethical behavior

2 Calibration

The supplier shall provide a certification with the delivery of calibrated equipment. Suppliers with calibrated equipment shall be able to produce a calibration certificate upon request.

Calibration Certificates shall contain the following:

- Equipment ID
- Equipment name
- Calibration due date
- Calibration frequency
- Acceptance criteria
- Out of tolerance data if equipment supplied was out of tolerance before calibration

Suppliers shall establish, implement, and maintain a process for the recall of monitoring and measuring equipment requiring calibration or verification.

3 Capabilities

The supplier shall have capable facilities, equipment, qualified staff, and resources for the scope of work being performed.

4 Certificate of Conformance & Packing Slip

The supplier shall provide a Certificate of Conformance (CoC) and Packing Slip with each shipment to attest that the parts, assemblies, subassemblies, or detail parts conform to the order requirements.

The CoC and/or the Packing Slip must contain the following:

- Supplier Name
- Name and address of manufacturing or processing location
- Gogo's purchase order number, RMA/DRS number, or applicable tracking number
- Part number & Revision
- Manufacturer's lot, heat, batch, date code, and/or serial number (if applicable)
- Quantity and unit of measurement (each, box, case, gallons, etc.)
- Special Process certification (if applicable)
- A statement certifying that the material meets all applicable requirements.
- Be signed and dated by an authorized Quality representative

Serialized items shall come with a scannable, 128 Barcode Format line on the packing slip, CoC or separate document for each serial number.

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5 Change Notification

The Supplier shall notify Gogo of any proposed changes to design (major or minor), processes, products, services, or location of manufacture, and receive approval from Gogo prior to incorporation of the change.

Note: Due to contractual and regulatory requirements, Gogo is required to review and approve all changes for components that are used in Gogo owned designs.

If the submitted design change is deemed acceptable, a Gogo Engineering Change Order shall be issued by Gogo and implemented prior to the Supplier incorporating the change.

Note: Gogo acceptance of the Change Request is not authorization to incorporate the proposed change.

6 Configuration Management

The supplier shall plan, implement, and control a process for configuration management as appropriate to the supplier and its products and services in order to ensure the identification and control of physical and functional attributes throughout the product lifecycle. This process shall:

- Control product identity and traceability to requirements, including the implementation of identified changes.
- Ensure that the documented information (e.g., requirements, design, verification, validation, and acceptance documentation) is consistent with the actual attributes of the products and services.

7 Control of Nonconforming Material & Material Review Board

Only product that conforms to the approved design requirements shall be shipped to Gogo. The Supplier is responsible for control and containment of nonconforming products. The Supplier shall ensure that a product which does not conform to its specifications is identified and controlled to prevent its unintended use or delivery until dispositioned after review. The controls and related responsibilities for dealing with nonconforming products shall be defined in a documented procedure. The Supplier's documented procedure shall also define the responsibility for review and authority for the disposition of nonconforming products and the process for the Supplier's approving-personnel making these decisions. When a nonconformance is discovered, a review process shall be initiated with the identification and documentation of the nonconformance. This review shall be the initial step performed by the Supplier to determine if the nonconformance needs to be reported to Gogo, and to determine if the nonconformance can be re-worked to a condition that completely conforms to the drawing or specification requirements. This review does not negate the Supplier's obligation to identify, segregate, document, report, and disposition nonconformances. If a product is dispositioned for scrap, the product shall be conspicuously and permanently marked, or positively controlled, until physically rendered unusable.

The Supplier is not granted MRB authority to issue "Repair" or "Use As Is" (UAI) dispositions without Gogo approval.

Repair: Product that can be corrected to a usable condition, although its condition will not be identical with drawing/specification requirements.

Use As Is (UAI): An authorized disposition of a product with one or more nonconformities determined to be usable to fulfill its intended purpose in its existing condition, although it does not conform to requirements originally specified in the contract, specifications, drawing or other applicable design data.

Nonconformances that are dispositioned for Repair or Use As Is shall be approved via D32369 by Gogo prior to delivery. This requirement applies to all procurements.

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The Supplier shall request UAI or Repair approval from Gogo by completing form D32369 and submitting it to Gogo. Gogo shall review each request for Repair and Use As is for approval. Gogo reserves the right to reject the material after completion of the Repair or Use As Is if the results are unsatisfactory.

The supplier may issue "Rework" dispositions without Gogo approval.

Rework: Processing of a nonconforming product that will eliminate the nonconformance which results in the product completely conforming to the original contract, specifications, drawing or other applicable design data.

8 Control of Work Transfer

The supplier shall notify Gogo as soon as supplier determines intention to enact any work transfer from/to the supplier's facility (e.g. from one organization facility to another, from the organization to a supplier). This will facilitate an evaluation by Gogo to determine capability of new facility to meet all applicable requirements.

9 Counterfeit Mitigation

The Supplier shall establish and maintain a counterfeit part prevention plan. AS5553 may be used as a guide to develop the plan. This plan shall focus on detection, prevention, mitigation, disposition, traceability, and reporting of suspected or confirmed counterfeit parts or assemblies. Documentation shall be made available by Supplier that authenticates unbroken traceability to the applicable Original Component Manufacturer/Original Equipment Manufacturer (OCM/OEM) upon request. If there is no traceability to the OCM/OEM, AS6081 testing (Level A and Electrical testing) shall be performed.

The supplier shall flow down requirements for a counterfeit parts prevention program to their suppliers as applicable. For cases where procurements are made from sources other than Original Component Manufacturers (OCMs) or Authorized (Franchised) Suppliers, Gogo shall be notified and approve the purchase ahead of time. If Gogo approves the use of an alternate source, or if the Supplier has any reason to doubt a part's authenticity, tests, and inspections in accordance with AS6081 (Level A and Electrical testing) shall be performed to detect fraudulent/counterfeit parts. Gogo reserves the right to request evidence of these test reports.

10 Document & Record Control

The Supplier shall have a documented procedure for controlling purchasing information and data provided by Gogo. This documented procedure shall define the controls needed to:

- Review and update as necessary and re-approve documents including signoffs and change dates,
- Ensure that current versions of applicable documents are available at points of use,
- Ensure that documents remain legible and readily identifiable,
- Ensure that documents of external origin determined by the Supplier to be necessary for the planning and operation of their business are identified and their distribution controlled, and
- Prevent the unintended use of obsolete documents, and to apply suitable identification to them if they are retained for any purpose.

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11 Record Retention

The Supplier and the Supplier's subcontractors shall maintain verifiable, objective evidence of all inspections and tests performed, material traceability, results obtained and dispositions of non-conforming articles. These records shall be identified to associated articles, including lot number of materials and unit or lot serialization. These records shall be made available to Gogo, Gogo's customers and/or government representatives upon request and shall be retained in a safe, accessible location for a period of 10 years after date of delivery.

Records held for the required retention period shall not be destroyed without Gogo's written concurrence.

12 Electrostatic Sensitive Devices & Moisture Sensitive Devices

If the supplier is providing electrostatic sensitive devices (ESD) or moisture sensitive devices (MSD), the supplier shall document and implement an ESD and MSD Control Program in accordance with ANSI/ESD S20.20. Parts shall be properly packaged and identified as required in ANSI/ESD-S20.20 and IPC/JEDEC J-STD-033. ESD parts shall be placed in conductive or static-dissipative packages, tubes, carriers, conductive bags, moisture barrier bags, etc. for shipment. The packaging, including bags used for a single item, shall be sealed, and clearly labeled to indicate that it contains electrostatic or moisture sensitive parts. Electrical parts that may be used or shipped in conjunction with ESD sensitive parts shall be treated as ESD sensitive.

Note: Gogo may require ESD packaging for non-ESD items on request.

13 First Article Inspection

The Supplier shall complete a First Article Inspection (FAI) for all first-time deliveries of items and new revisions of items, including prototype and production. Exceptions are items that are (a) standard catalog/COTS items (ref. AS9102 Standard Catalog Hardware), (b) raw material, (c) covered by a military/industry standard/specification. The FAI shall be performed on an item from the first delivered lot provided by the Supplier. The FAI and First Article Inspection Report (FAIR) shall be completed in accordance with AS9102 requirements. FAI reports shall include traceability documents as required under the Traceability section in this document.

A full or partial (delta) FAI shall be performed when any of the following events occur:

- A change in engineering definition affecting design characteristics.
- A change in manufacturing source(s), process(es), inspection method(s), tooling, materials/alternate materials, or location of manufacture.
- A change in the numerical control program or translation to another media.
- A natural or man-made event, which can adversely affect the manufacturing process.
- An implementation of corrective action required to complete a previous FAI.
- A lapse in production for two years for any characteristics that may be impacted. This lapse is from the completion of the last production operation to the actual restart of production.

14 Foreign Object Damage

The supplier shall ensure articles are free from foreign objects and foreign object damage (FOD) resulting from processing, assembling, and packaging operations.

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15 Gogo Owned Assets

All equipment provided by Gogo to the supplier or for which the supplier has been reimbursed by Gogo, shall remain the property of Gogo. The Supplier shall bear the risk of loss and damage to such property, except for normal wear. Such property shall always be properly stored and maintained by the Supplier, shall be identified as Gogo property, and shall not be moved from the Supplier's premises without Gogo's prior approval.

All equipment shall be clearly identified, including part number, revision level, calibration due date and have a Gogo identification number as applicable. The supplier is responsible for the proper use, preventative maintenance and calibration of all equipment as required. If requested, the supplier shall provide to Gogo the documented record of these PM and calibration records.

16 Inspection

The supplier shall demonstrate the ability to meet, control, perform and document all applicable test, inspection and verification activities required to deliver product conforming to all drawing and contractual requirements. This shall include counterfeit part detection methods (when necessary), adequate facilities and equipment and documented processes and procedures to perform required inspections.

The Supplier shall perform final inspection for all critical attributes that may affect the form, fit or function of the part or assembly. 100% inspection shall be utilized whenever possible but in the event a sampling plan is applicable, sampling inspection may be implemented if a statistically valid technique is used.

The Supplier shall retain all inspection documentation per the Document & Record Control section within this document.

17 Limited Shelf Life

Upon shipment, at least 75% of the shelf life shall be remaining for products purchased by Gogo. Certifications included in each shipment shall contain the expiration date.

18 Notice of Escape

Upon discovery that nonconforming product has been shipped to Gogo, the Supplier must immediately notify Gogo in writing of the escape. The supplier's Notice of Escape (NOE) shall include the following information: dates nonconforming product was produced, dates parts were sold to Gogo, affected part number(s), description of the nonconformance, how the nonconformance was identified, total number of products shipped & sold, cause of nonconformance, and actions taken to contain and correct the nonconformance.

19 Packaging & Labeling

The Supplier shall be responsible for ensuring that items provided under any Purchase Order are packaged in such a manner that the product's integrity is preserved, contamination and corrosion are prevented, and no physical damage occurs. All products shipped to Gogo shall be packaged in accordance with ASTM D3951 unless otherwise stated on the part drawing.

All products shipped to Gogo shall be labeled as follows:

Component packaging shall contain a label with the following information:

- Gogo Part Number
- Gogo Revision
- Serial Number in scannable 128 Barcode Format
- Serialized items shall be individually packaged and labeled.

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Outer packaging label(s) shall match the inner packaging and contain the following information:

- Gogo Part Number in scannable 128 Barcode Format
- Gogo Revision
- When individually boxed and serialized: The Serial Number in scannable 128 Barcode Format

Serialized items shall come with a scannable, 128 Barcode Format line on the Packer Slip or Certificate of Conformance for each serial number.

20 Production Control

Product yields and on-time-delivery metrics shall be monitored and used, by the supplier and Gogo, to drive process improvements.

When tests are necessary for verification and validation, these tests shall be planned, controlled, reviewed, and documented to ensure and prove the following:

- Test plans or specifications identify the test item being tested and the resources being used, define test objectives and conditions, parameters to be recorded and relevant acceptance criteria
- Test procedures describe the test methods to be used, how to perform the test, and how to record the results
- The correct configuration of the test item is submitted for the test
- The requirements of the test plan and the test procedures are observed; e. the acceptance criteria are met

21 Purchase Order

The Supplier shall enter a contractual relationship and have an approved Purchase Order from Gogo prior to delivery of any articles or services to Gogo.

22 Quality Management System - Calibration

The suppliers shall be ISO 17025 and/or ANSI Z540 certified with a current certification on record.

23 Quality Management System Certification

The supplier shall have a QMS certified and registered with ISO 9001 or AS9100.

24 Requirements Review

The Supplier shall have an established method for reviewing all Gogo Business Aviation requirements, including the requirements defined in this document. Acceptance of a Gogo purchase order shall be the Supplier's acceptance of Gogo's requirements. Exceptions to any requirements, including the requirements in this document, shall be documented, and approved by Gogo.

25 Return Material Authorization

The Supplier shall implement a Return Material Authorization (RMA) process that defines cycle times for completion and can trigger corrective actions when turnaround times are not being met. The Supplier shall include the following information when returning reworked items: reported problem, issues identified, rework performed, and any corrective actions initiated. Reworked items shall pass all testing, inspection, and verification and, upon delivery, include updated versions of all required documentation such as CoC, raw material certs, test results and any other certs and records.

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When replacement items are sent, in lieu of reworking returned material, the Supplier shall be responsible for notifying Gogo that the replacement occurred and a brief explanation of why the returned items were not reworked. Gogo reserves the right to request a failure analysis be completed on those items to determine root cause. If the replaced items are returned to Gogo at a later time, the troubleshooting and rework info listed above shall be included.

RMA items shall be returned to Gogo as the same revision that was returned to the Supplier unless the upgrade/downgrade is part of the RMA request or Gogo is notified and approves the revision change

The Supplier should process and return RMA material by the “request receipt date” on the purchase order or within 60 days if no date is specified.

Note: Gogo may require the supplier to input failure analysis, rework performed, and corrective actions into Gogo’s Supplier Portal System.

26 Right of Facility Access

The Supplier shall allow right of facility access to Gogo, Gogo’s customers, and governmental regulatory authorities, at any level of the supply chain involved in the order and to all applicable records. The aforementioned parties may conduct on-site audits of the Supplier to ensure the requirements of this document, as well as the requirements of the Gogo Purchase Order (PO), Contract, Statement of Work, drawings and specifications are being met.

27 Special Process

Special processes shall be performed in accordance with specification(s) stated on the drawing and procurement documents. Unless approved by Gogo, special processes shall be performed by a Nadcap approved supplier. The Supplier shall be approved by Nadcap for the special process on the date which the special process is performed. The Supplier shall provide to Gogo, upon request, all documentation showing evidence of qualification of Nadcap-approved special processes.

If the Supplier’s sub-tier Supplier performs the special process, the Supplier is responsible to flow down the requirements on sub-tier POs. The Supplier’s utilization of Nadcap approved sources does not relieve the Supplier from its obligation to ensure subcontracted sources are in full compliance with applicable specifications. The supplier is encouraged to reach out to their Gogo Supply Chain or Supplier Quality representative(s) for a list of the latest non-Nadcap approved special processors.

28 Supplier Corrective Action Requests

In the event a supplier provided assembly or part is found to not meet specifications, is otherwise defective, or supplier processes have been identified as needing improvement, either through an onsite audit or through performance issues detected at Gogo, a Supplier Corrective Action Request (SCAR) may be issued to the supplier using Gogo form D13994. The Supplier shall complete containment actions, root cause analysis, corrective action implementation, verification of corrective actions, and submit a completed SCAR form by dates specified in the form. The SCAR shall remain open until effectiveness has been verified.

Note: Gogo may require the supplier to input SCAR information into Gogo’s Supplier Portal System in lieu of the Gogo form D13994.

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29 Supplier Evaluation & Approval

The supplier shall undergo an initial evaluation before inclusion to the Gogo Approved Supplier List (ASL). The supplier shall also undergo recurring evaluation and surveillance to maintain an Approved status on the Gogo ASL. Evaluation and approval will include either a desktop or on-site audit of the supplier's Quality Management System.

30 Supplier Management

The Supplier shall manage all their sub-tier Suppliers or subcontractors in accordance with their agreements. These Suppliers shall be evaluated, approved, and maintained, taking appropriate action when performance poses a risk to Gogo programs. The Supplier shall flow down all applicable requirements, including the applicable requirements in this document, customer requirements, statutory requirements, and regulatory requirements, as applicable. Controls shall be in place to prevent ordering material from non-approved Suppliers.

31 Technical Standard Order/Parts Manufacturing Approval Certificate and Airworthiness Approval Tag

If the Supplier holds National or Civil Aviation Authority (CAA) certification/approval/authorization (e.g., Federal Aviation Administration (FAA) Technical Standard Order Authorization/Parts Manufacturer Approval (PMA)/Type Certification)), the Supplier shall provide the original Authorized Release Certificate, FAA Form 8130-3 (Airworthiness Approval Tag) or other CAA equivalent Airworthiness Approval Tag with delivery each product in accordance with FAA Order 8130.21.

32 Test Specimens

If requested, the supplier shall provide test specimens, for design approval, inspection/verification, investigation, or auditing.

33 Traceability

The supplier shall have a process to maintain full traceability of product from material receipt, through all phases of manufacturing, to finished product shipment. This traceability documentation shall include purchase order number, Certificates of Conformance for material and external processes, internal processing records, drawing number, drawing revision level, and customer approved Use As Is or Repair dispositions if applicable. All COTS and EEE components and assemblies shall maintain traceability back to the original manufacturer. If there is no traceability to the OCM/OEM for EEE components, refer to the Counterfeit Mitigation requirement in this document.

The organization's records associated with the manufacture of serialized or lot-controlled articles will provide for continued traceability of serial numbers or lot number identification through all phases of manufacture, commencing with the raw material and continuing through final acceptance of the end item.

When required, the Supplier shall develop a process to individually serialize units and those serial numbers shall be used to provide complete traceability of the product, including component tracing. The process shall be developed in such a way that prevents duplicate serial numbers from shipping to Gogo.

34 Work Instructions

Supplier created work instructions for Gogo Designed Parts may be reviewed by Gogo prior to release to production. All supplier work instructions shall comply with Gogo product drawing requirements.

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