



SUPPLIER RELEASE PLAN

AGREEMENT

BETWEEN

GENERAL ELECTRIC AVIATION JOINT AFFILIATES (GE-AJA)

AND

Supplier Name	Supplier Code
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Street Address

City, State and Zip

GE AJA SIGNATURES

SUPPLIER MANAGEMENT

GE AJA PQE	Date	CEO/Plant Manager	Date
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GE Aviation Sourcing Quality	Date	Quality Manager	Date
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Special Agreements Signature Requirements:

GE-AJA Value Stream Sourcing Quality Leader	Date
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GE Aviation Sourcing Quality Leader (Required for Special Agreements)	Date
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Page 2 must be initialed and dated at current rev under the "Supplier Concur" column by the supplier—GE will sign off under the "GE concur" column.

SUPPLIER INTERNAL REVISION HISTORY

SUPPLIER: _____

CODE: _____

<u>Rev # & Date</u>	<u>Description of Rev.</u>	<u>Revised By</u>	<u>GE Concur</u>	<u>Supplier Concur</u>
Original	Incorporation of SRP	GE		
Rev 1 17 June 2014	Changed font to Arial to align with Aviation SRP; Added Aviation DSQR training condition to paragraph 5.3; Clarified Appendix A paragraph D.1; corrected error in Appendix A paragraph G.	GE		
Rev 2 31 Jan 2017	Removed definitions for DPD, MED, Partial and Full release (not used); removed Appendix A.1. c (reference to Digital Workbench, Rev Checker- not used); added "as applicable" to part marking (App A.1.d); Revised para 4.1; Added paragraph 5.4 and 5.4; removed words "supplier funded" from paragraph 7.1; remove from App A-A.1.c (relettered d and e), B.1.f, E.e	GE		

SUPPLIER RELEASE PLAN

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1.0 SCOPE

- 1.1 This agreement applies to material/services provided by this Supplier and purchased by General Electric Aviation Joint Affiliates hereinafter referred to as GE-AJA or Purchaser.
- 1.2 The requirements of this agreement will apply to all material/services when it is referenced by the applicable standard remark of the purchase contract or equivalent document, or as instructed by the Purchaser for current production.
- 1.3 This document is in addition to, and in no way limits, supersedes or abrogates any contractual obligation as required by the purchase document, drawings or applicable specifications.
- 1.4 After the Purchaser and Supplier have signed this agreement, it becomes a contractual document. Changes to the document will be made by mutual agreement between the Supplier and Purchaser and will be so indicated on a revision page. Any provisions in addition to those covered in this document shall be considered as special agreements and will require the concurrence of all parties, or their designees, who approved the original agreement.
- 1.5 Purchaser shall notify the Supplier in writing of any limitation on the release of material/product.
- 1.6 The Purchaser reserves the option to rescind this agreement at any time.

2.0 PURPOSE

- 2.1 To establish a program at the Supplier to assure product integrity through re-verification of selected characteristics and review of product quality records. This plan is not intended to replace or supplement a Supplier's quality system; each Supplier has the responsibility for effectively and consistently controlling the quality of its products and processes as required by GE-AJA Sourcing Quality Specifications S-1005 and S-1007 and/or as required by the Purchase Documents.

3.0 DEFINITIONS

- 3.1 **Characteristic Accountability & Verification Form (CA&V)** (GT1007-1, 2 & 3) - Documents utilized to record characteristic accountability and first article data per S-1007 requirements.
- 3.2 **DSQR Surveillance Log** - Document utilized to record history of characteristics verified by the DSQR prior to releasing product for shipment to GE. (Attachment in Appendix C)

- 3.3 **Deleted**
- 3.4 **Designated Supplier Quality Representative (DSQR)** - A supplier's permanent employee with quality control responsibility, who has successfully completed the GE DSQR training program and has been approved by GE-AJA to perform designated tasks on its behalf as defined herein.
- 3.5 **EV1 Evaluation** – A GE-AJA Quality Representative evaluation of a supplier's quality system, product characteristics, and/or DSQR performance. EV1s may be initiated by quality escapes, systemic issues, findings, or other related problems.
- 3.6 **Final Inspector** – Supplier individual responsible for product inspection after all processing is complete. Final inspector must not re-verify product characteristics acting as a DSQR if they verified product at final inspection.
- 3.7 **Deleted**
- 3.8 **GE Aviation Joint Affiliates Quality Representative (GE-AJAQR)** - A GE-AJA employee or authorized representative with the authority to represent GE-AJA Sourcing Quality.
- 3.9 **Interface Characteristics** - Characteristics, which describe a feature that is vital to product installation. The feature will be identified on the drawing.
- 3.10 **Manufacturing Lot** - A number of parts or product produced under homogeneous manufacturing conditions
- 3.11 **Deleted**
- 3.12 **One-over-One Inspection** - a repeat second inspection performed by a different inspector to validate the original measurement.
- 3.13 **Deleted**
- 3.14 **Product Release Lot** – The total number of parts presented to the DSQR for release.
- 3.15 **Release Agent Authorization Number (RAAN)** - A unique controlled number assigned individually to both GE-AJAQR's and DSQR's.

4.0 SUPPLIER QUALIFICATION

- 4.1 GE-AJA Quality will verify that all applicable locations of the Supplier are eligible for consideration, as follows:

- 4.1.1 Have a quality system acceptable to GE AJA Sourcing Quality.
 - 4.1.2 Have acceptable quality performance. Performance may be based on time, lots or parts received, nonconformance history and other factors at the discretion of the GE AJA Sourcing Quality Representative and/or Sourcing Quality Leader
 - 4.1.3 Have at least one permanent employee who is acceptable by GE-AJA to act as a DSQR.
- 4.2 GE-AJA Quality and Supplier Management must sign this agreement, which establishes the contractual requirements for the plan.
- 4.3 Supplier Management is responsible for assuring the execution of this plan by performing the following in a timely manner:
- 4.3.1 Provide sufficient resources to ensure that the DSQR(s) re-verifying the product have not acted in the capacity of final inspector for the particular part being released.
 - 4.3.2 Allocate sufficient time for the DSQR to perform the required duties.
 - 4.3.3 Provide DSQR with appropriate facilities and equipment necessary to meet customer expectations.
 - 4.3.4 Establish a cultural environment conducive to assure delivered quality.
 - 4.3.5 Provide and maintain a quality system that supports the requirements of this plan.
 - 4.3.6 Provide the necessary resources for the performance of audits, internally and at their sub-tier Suppliers.
 - 4.3.7 Implement special part protection plan when directed by GE-AJA or the DSQR.
 - 4.3.8 Define and implement internal corrective action plans when GE-AJA or the DSQR identifies non-conformances.
 - 4.3.9 Immediately notify PQE of (any) product that may have been shipped containing a nonconformance.
 - 4.3.10 Notify PQE when a DSQR changes jobs or leaves the company.

5.0 DSQR QUALIFICATION AND TRAINING REQUIREMENTS

- 5.1 To qualify as a DSQR the following minimum requirements must be met:
- 5.1.1 Must speak read write and have complete understanding of the English language.
 - 5.1.2 Must be physically capable of performing required tasks.
 - 5.1.3 Must have no visual impairments that would prevent effective visual inspection.
 - 5.1.4 Have Supplier Quality Control responsibility as a permanent employee.
 - 5.1.5 One-year product related experience.
 - 5.1.6 Obtain GE-AJA approved DSQR application.

- 5.1.7 Successful completion of initial DSQR training.
- 5.1.8 Verification that the DSQR candidate has satisfactorily demonstrated a practical knowledge and application of the required duties on one product release lot by way of a minimum of one product overview.

5.2 Product Overview

- 5.2.1 Verification that the DSQR candidate satisfactorily performed their required duties on an actual product release is required. The product release will be reviewed by a GEQR using standard criteria covering critical elements.
- 5.2.2 A satisfactory release of the 1st Lot overviewed will qualify the candidate for certification as a DSQR. Any deficiency noted by the GE-AJAQR on the 1st Lot released will at a minimum, require a 2nd Lot overview. A satisfactory release of the 2nd lot will qualify the candidate for certification. An unsatisfactory overview on the 2nd lot will require a reassessment by GE-AJA of the candidate to determine eligibility and qualification.
- 5.2.3 Supplier systemic deficiencies that adversely affect the candidate's ability to perform the required duties satisfactorily are subject to review by GE-AJA through EV1 evaluation.

5.3 In order to maintain active status, the DSQR must attend recurring training as established by GE-AJA.

5.4 DSQR's who have been trained and certified through the GE Aviation (Aircraft Engines) DSQR program and have an active GE Aviation DSQR certificate automatically meet the requirements of DSQR certification for GE AJA. A signed GE AJA SRP on file is required before the GE Aviation DSQR can release product for GE AJA.

5.5 Supplier personnel whom have attended SAE 13001 (Supplier Self Release Training), meet the qualifications of paragraph 5.1 and have been instructed on GE AJA specific self-release process requirements may also be certified as a GE AJA DSQR. Recertification period is as established by SAE.

6.0 DSQR RESPONSIBILITIES

When performing the duties outlined in this agreement, the DSQR is acting on behalf of GE-AJA and performs the final acceptance and release of product for customer use.

6.1 The DSQR duties are above and beyond the activities conducted while acting in the day-to-day role as a Supplier employee.

6.2 Appendix A outlines the specific duties of the DSQR.

6.3 The DSQR signature and RAAN on the shipping document must be that of the DSQR who re-verified product for shipment.

7.0 GE-AJA SURVEILLANCE

- 7.1 GE-AJA reserves the right to audit or require the performance of an EV1 evaluation to determine the Supplier's compliance to this plan at any time.
- 7.2 Results or concerns from any review/audit will be provided to Supplier Management for appropriate corrective action(s).
- 7.3 Product selected by GE-AJA for surveillance must be available when scheduled.

8.0 SUPPLIER DISQUALIFICATION AND REQUALIFICATION

- 8.1 GE-AJA may be temporarily suspended or permanently removed the supplier from self-release. Suspension of privileges may apply to the entire product base or to specified part numbers.
Basis for suspension/removal may include, but are not limited to:
 - 8.1.1 Loss of DSQR representation other than temporary loss (vacation, sickness)
 - 8.1.2 Unauthorized or improper release of material
 - 8.1.3 Change in ownership/location or disputes (strike, lockout), that affect key Quality and Manufacturing Personnel
 - 8.1.4 Deterioration of Supplier's quality rating below acceptable levels
 - 8.1.5 Inactivity of business wherein no hardware has been shipped for an extended period of time or no open purchase orders exist
 - 8.1.6 Failure to comply with the Plan requirements
 - 8.1.7 Repeated delivery of product found to be nonconforming by the customer
 - 8.1.8 Lack of timely response to corrective action requests
- 8.2 GE-AJA will notify supplier in writing of suspension or removal from self-release using the Supplier Notification Form in Appendix B or an alternate method such as email.
- 8.3 For requalification, supplier will submit a corrective action plan within 30 days of suspension notification.
- 8.4 For requalification, supplier will complete the corrective action plan within the specified time frame approved by GE-AJA, typically not more than 60 days after approval of submitted corrective action plan.
- 8.5 GE-AJA will notify the Supplier in writing upon re-instatement of the Self Release plan.

9.0 DSQR SUSPENSION/REMOVAL

- 9.1 GE-AJA may suspend or remove a DSQR from further work on GE-AJA matters in accordance with this plan. Basis for GE-AJA's suspension or removal of a DSQR may include, but are not limited to:
 - 9.1.1 Obvious visual or marking nonconformance's found after DSQR release
 - 9.1.2 Failure to comply with elements of this agreement such as not maintaining records, inspecting characteristics, reviewing process paperwork, etc.
 - 9.1.3 Failure to maintain DSQR certification
 - 9.1.4 Transfer of the DSQR employee by the Supplier for any reason to a job with no direct quality responsibilities
 - 9.1.5 Termination of employment of the DSQR employee by the Supplier for any reason
 - 9.1.6 Termination of this plan for any reason by the Supplier.
- 9.2 The Supplier's Quality Manager and the DSQR will be notified in writing of the date and cause of disqualification or removal, including criteria for re-qualification if applicable using the Supplier Notification Form in Appendix B or an alternate method such as email. The RAAN provided by GE-AJA will become inactive.
- 9.3 Re-qualification will require the DSQR to complete training as established by GE-AJA.

10.0 SPECIAL AGREEMENTS

- 10.1 Special agreements will require the concurrence of all parties or Designees who signed the original plan, and the approval of the GE Aviation Sourcing Quality Leader.

Appendix A - DSQR Duties

When the purchase document allows for self-release of a part, the DSQR must perform the following:

A. Verification of Customer Requirements:

- ☐ 1. Review the following documentation:
 - ☐ a. Purchase Documents (PO/PA) including latest amendments which have a bearing on the line item(s) being shipped
 - ☐ b. Drawing(s) at the revision level stated on the purchase order
 - ☐ c. Quality Requirements at the correct revision level, as called out in PO/PA
 - ☐ d. Part Marking requirements, if applicable (i.e. arrangements, method, location) as called out in the drawing/specification or purchase order
- ☐ 2. Generate a DSQR Surveillance Log for the part number.

B. Supplier Records

- ☐ 1. Review the following documents/records as applicable;
 - ☐ a. CA&V/FAI approval if applicable (GT1007 form 1)
 - ☐ b. Material Certificates
 - ☐ c. Special Process Certificates
 - ☐ d. Manufacturing records (Routers, Inspection reports, Test reports, etc.)
 - ☐ e. Nonconformance Records/Documents

C. Verification of Part Marking and Visual Conditions

- ☐ 1. Verify part marking and visual conformance using the following table:

<u>Lot Size</u>	<u>Quantity Verified</u>
1-32	All
33-280	32
281-500	50
More than 500	Contact PQE for Sample Size Requirements

- ☐ 2. Handling Visual Non-Conformances: Perform one-over-one inspection of the specific feature for all parts in the manufacturing lot and any still in process. Select another member of the quality team to perform this inspection. Notify the GE-AJA PQE of any unusual visual appearance as described in S1005 (paragraph O.4. and Appendix D) and/or as required by the Purchase Documents.

D. Verification of Characteristics

- ☐ 1. A minimum of 5 (consider 10) characteristics if available will be selected and must be re-verified on one part from each manufacturing lot included in the release quantity.

The following criteria should be followed for selection of the characteristics for re-verification:

- a. Check dimensional characteristics in areas of identified visual indications, on all parts in the release lot.
- b. Check characteristics generated by processes with a history of repetitive non-conformances.
- c. Dimensional characteristics identified as escapes to the Customer
- d. Interface Characteristics as defined on the customer drawing
- e. Dimensional characteristics that define features that may have an impact on any applicable functional tests.
- f. Any additional characteristics as specified by the GE-AJA PQE.
- g. Inspect any new characteristic identified by updated revisions.

Note 1: When released product is shipped at a later date, parts must be re-inspected to verify that handling and storage precludes part(s) damage and that they continue to meet current purchase document and related requirements.

Note 2: Inaccessible characteristics must be inspected where accessible in the process.

Note 3: Some types of suppliers, for example suppliers of coatings, adhesive and raw material, etc. have very few if any dimensional characteristics that represent the defining characteristics for the product. If your company is this type of supplier, the specific characteristics that are to be selected in lieu of dimensional measurement must be agreed to in writing between the supplier and the PQE. An email or equivalent documentation from the PQE confirming the selection criteria shall be maintained on file with the signed SRP agreement.

- ☐ 2. Inspect selected characteristics and record results on the DSQR's Surveillance Log.

3. Inspection of Borderline Conditions.

If any measurement is within 10% of total tolerance from upper or lower spec limit the following actions are required:

- ☐ a. Assure that sufficient number of locations on the feature have been inspected in order to verify conformity.
- ☐ b. Verify the same characteristic on additional parts, to assure that parts are consistently conforming and that the process is in control.

Note 1: Additional guidance regarding borderline conditions can be found in the DSQR training manual.

4. Handling Non-conformances:

- ☐ a. Record nonconformance information on the DSQR Surveillance Log. Require 100% re-inspection of the characteristic that is found non-conforming on all parts in the manufacturing lot.
- ☐ b. Inspect the non-conforming characteristic on future shipments, until two consecutive lots are found acceptable. This is in addition to the minimum of five characteristics selected per paragraph D1.
- ☐ c. Report all non-conformances or non-compliances to supplier management via appropriate internal supplier quality system requirements. Record tracking number on the DSQR Surveillance Log.
- ☐ d. Assure that nonconforming parts are placed on "HOLD" until dispositioned.
- ☐ e. Assure that the appropriate people are notified of the nonconformance in order to properly investigate previous shipments for the same nonconformance.

E. Review the Packing Slip for the following:

- ☐ a. Correct part number
- ☐ b. Quantity
- ☐ c. Purchase document number and item number
- ☐ d. Shipment number

F. Approval for Shipment

- ☐ 1. Sign and enter DSQR RAAN on Packing Slip.

Appendix B Forms and Instructions

Supplier Notification Form

SUPPLIER NOTIFICATION / INSTRUCTIONS	
SUPPLIER NAME	
5 DIGIT GE SUPPLIER CODE	
SUPPLIER ADDRESS	
SUPPLIER CITY	
SUPPLIER STATE	
SUPPLIER ZIP CODE	
SUPPLIER NOTIFICATION OF: RELEASE PLAN DSQR	
TYPE OF DISQUALIFICATION: TOTAL PARTIAL	
DATE OF REQUALIFICATION	
DSQR NAME	
REASON FOR: DISQUALIFICATION SUSPENSION	
LIMITATION(S) TO PLAN	
GE QUALITY SIGNATURE	

APPENDIX C

DSQR Surveillance Log

KEY #	GUIDE TO COMPLETING THE DSQR LOG
1	Record the page number and the total number of pages that are contained in this DSQR Log.
2	Record the Part Number
3	Record the Revision for the Part Number involved and/or current applicable CID listed on the Purchase Document
4	Record the Supplier Name.
5	Record the Supplier Code.
6	Record the current applicable CID.
7	Record the implementation date of the current applicable CID.
8	Record the characteristic balloon number from the ballooned first article drawing.
9	Record the selected characteristic's requirement from the drawing. (Visual and Part Marking are pre-printed because they are checked during every release)
10	Record the drawing page and zone or note that applies to the selected characteristic.
11	Record the class of the selected characteristic. If it is a minor characteristic, no entry is required in this column.
12	Record the actual measurement of the selected characteristic. For an attribute characteristic like "Part Marking" or "Visual," record the acceptability status, i.e., "Conforms" or "Accept."
13	If a nonconformance is identified, record the tracking number of the nonconformance document/corrective action request (CAR) that is being issued.
14	If the part is serialized, record the serial number.
15	Record the Date.
16	Record your RAAN number.

[illegible]

[illegible]

