

OPERATING PROCEDURE		OP 10.3	Revision: H Page 1 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

Approvals:

Operations:	Print	<u>Matt Burg</u>	Signature		Date:	<u>2/16/19</u>
Engineering:	Print	<u>John McKinley</u>	Signature		Date:	<u>7/26/19</u>
Quality:	Print	<u>Fred Willms</u>	Signature		Date:	<u>6-5-19</u>
Process Owner:	Print	<u>Lars Novak</u>	Signature		Date:	<u>6-4-19</u>
Finance:	Print	<u>N/A</u>	Signature	<u>N/A</u>	Date:	<u>N/A</u>
Sales & Marketing:	Print	<u>N/A</u>	Signature	<u>N/A</u>	Date:	<u>N/A</u>
Legal:	Print	<u>N/A</u>	Signature	<u>N/A</u>	Date:	<u>N/A</u>
President:	Print	<u>N/A</u>	Signature	<u>N/A</u>	Date:	<u>N/A</u>
Materials	Print	<u>Mike Brandel</u>	Signature		Date:	<u>7/16/2019</u>
Purchasing	Print	<u>Lisa Ardino</u>	Signature		Date:	<u>7/11/19</u>
Inspection	Print	<u>Rich Doherty</u>	Signature		Date:	<u>6/20/19</u>
FAA:	Print	<u>N/A</u>	Signature	<u>N/A</u>	Date:	<u>N/A</u>
Author:	Print	<u>L. Novak</u>	Signature		Date:	<u>6-4-19</u>

Release Date (initial/date): 4C 7/29/19

OPERATING PROCEDURE		OP 10.3	Revision: H Page 2 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

1.0 PURPOSE:

1.1 The purpose of this document is to provide objective evidence of production process verification and that engineering design and specification requirements are understood, accounted for, verified and documented.

2.0 SCOPE:

- 2.1 This procedure applies to all levels of parts within an assembly, including castings and forgings, and to organizations that are responsible for producing the product per the design documentation.
- 2.2 This requirement applies to Breeze-Eastern and its sub-tier suppliers for products which are new, changed, either in design, manufacturing site, processes (including numerical control programs or media transfer) or supplier in such a way that it affects form, fit, or function, a natural or man-made event (which may affect manufacturing process) or a lapse in production of two years or as specified by the customer, or an implementation of a corrective action which had been required to complete a previous FAI (e.g. possibly from a nonconformance).
- 2.3 All products, for which first article inspection are needed or required by contract or regulation, must conform to the requirements of this procedure. Procured standard catalog items (COTS), deliverable software, unique single-run production orders not intended for ongoing production (e.g. out-of-production spare), and development/ prototype parts that are not considered part of first production run, is excluded from this requirement unless contractually required.
- 2.4 DPD is not within the scope of this Procedure at this time.

3.0 REFERENCES & DEFINITIONS:

3.1 Procedures

- 3.1.1 OP 10.1 Inspection and Testing
- 3.1.2 OP 11.1 Control of Inspection Measuring and Test Equipment
- 3.1.3 OP 13.1 Control of Nonconforming Materials and Processes
- 3.1.4 OP 14.1 Corrective and Preventive Action
- 3.1.5 OP 16.1 Documented Information Retention
- 3.1.6 OP 17.1 Compliance Evaluation Audits
- 3.1.7 OP 18.1 Training Program
- 3.1.8 QP-137 Purchase Order Quality Codes

Breeze-Eastern Form QC-1298, Rev P, February 26, 2016
 Uncontrolled Document when printed – Revision must be confirmed per OP 2.1
 ©2016 Breeze-Eastern LLC. All Rights Reserved.
 Contents Proprietary Information of Breeze-Eastern LLC

OPERATING PROCEDURE		OP 10.3	Revision: H Page 3 of 14
<u>Quality</u> Controlling Department	 BREEZE • EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

3.2 Forms

- 3.2.1 QC-1351 Part Number Accountability
- 3.2.2 QC-1352 Product Accountability –Materials, Special Process(es) and Functional Testing
- 3.2.3 QC-1353 Characteristic Accountability, Verification, and Compatibility Evaluation

3.3 Other Documents

- 3.3.1 AS9102B:2014 – Aerospace First Article Inspection Requirement.

3.4 Abbreviations and Definitions

- 3.4.1 FAI First Article Inspection
- 3.4.2 FAIR First Article Inspection Report
- 3.4.3 IFS B-E’s ERP system
- 3.4.4 BOM Bill of Materials
- 3.4.5 COTS Commercial off-the-shelf
- 3.4.6 DPD Digital Product Definition
- 3.4.7 First Article Inspection (FAI) – A planned, complete, independent, and documented inspection and verification process to ensure that prescribed production processes have produced an acceptable item as specified by engineering drawings, specifications, and other applicable design documents. Purchase Order requirements apply, as well, for purchased items. Can also be referred to as production process verification.
- 3.4.8 First Article Inspection Report (FAIR) – The forms and documented result of the FAI performed in accordance with this procedure (e.g. QC-1351, QC-1352, & QC-1353). Forms may be completed either electronically or in permanent ink.
 - 3.4.8.1 An alternate supplier form providing the equivalent data is acceptable as are forms per AS9102.
- 3.4.9 Delta First Article - For revised product first article inspections, only those characteristics that have been revised or changed, since the previous revision, are required to be documented on the new First Article (FAIR).
- 3.4.10 Attribute Data – A result from a characteristic or property that is appraised only as to whether it does or does not conform to a given requirement (for example, go/no-go, accept/reject, pass/fail, etc.). Attribute data may be used if no inspection technique using variable data is feasible. Attribute

OPERATING PROCEDURE		OP 10.3	Revision: H Page 4 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

data is also allowed when specific numerical limits are not specified (e.g., break all sharp edges, etc).

- 3.4.11 Variable Data – Quantitative measurements taken on a continuous scale. For example, the diameter of a cylinder or the gap between mating parts. Variable data is used unless no other inspection technique is feasible.
- 3.4.12 Drawing Requirement – Requirements of the drawing and associated parts lists, specifications, or purchasing document to which the product is to be made from, including any notes, specifications, and lower-level drawings invoked.
- 3.4.13 First Production Run Parts – The initial group of one or more parts that are the result of a planned process designed to be used for future production of these same parts. Prototype parts, or parts built using methods different from that intended for the normal production process, are not considered as part of the first production run.
- 3.4.14 Inspection – Examination of an object to determine whether it conforms to standards, applicable engineering specifications, etc. Inspection applies to attributes, measurement produces variable data, and testing can produce variable or attribute data. “First Article Inspection” is used for all of these measurements.
- 3.4.15 Characteristic Designator – The identification of type of characteristic being measures (e.g., key, critical, major, etc.).
- 3.4.16 Design Characteristics – Those dimensional, visual, functional, mechanical, and material features or properties, which describe and constitute the design of the article as specified by drawing requirements. These characteristics can be measured, inspected, tested, or verified to determine conformance to the design requirement. Dimensional features include in-process locating features (such as target-machined or forged/cast dimensions or forgings and casting, weld/braze joint preparation necessary for acceptance or finished joint, etc.). Material features or properties may include processing variables and sequences, which are specified by the drawing (e.g., heat treat temperature, fluorescent penetrant class, ultrasonic scans, and sequence of welding and heat-treat, etc.).
- 3.4.17 Inaccessible Characteristic – A characteristic that cannot be evaluated at any time after it is generated without destroying the part. Inaccessible dimensions may include internal dimensions of castings, internal dimensions of a welded or brazed assembly which are called out for the

Breeze-Eastern Form QC-1298, Rev P, February 26, 2016

Uncontrolled Document when printed – Revision must be confirmed per OP 2.1

©2016 Breeze-Eastern LLC. All Rights Reserved.

Contents Proprietary Information of Breeze-Eastern LLC

OPERATING PROCEDURE		OP 10.3	Revision: H Page 5 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

- assembly. Inaccessible non-dimensional characteristics include material strength, certain metallurgical features and manufacturing processes, including nondestructive testing.
- 3.4.18 Multiple Characteristics – Identical characteristics that occur at more than one location (e.g., “4 Places”) but are established by a single set of drawing requirements (e.g., rivet hole size, dovetail slot, corner radii, chemical milling pocket thickness).
 - 3.4.19 Reference Characteristics – The characteristics that are used for “information only” or to show relationship. These are dimensions without tolerances and refer to other dimensions on the drawings. Reference characteristics may be omitted from the FAI.
 - 3.4.20 COTS – Commercially available items intended by design to be procured and utilized without modification.
 - 3.4.21 Standard Catalog Items – A part or material that conforms to an established industry or national authority published specification, having all characteristics identified by text description, National/Military or Commercial Standard Drawing, or catalog item.
 - 3.4.22 Deliverable Software – Embedded or loadable airborne, spaceborne, or ground support software / firmware components that are part of an aircraft Type Design, weapon system, missile, or spacecraft.
 - 3.4.23 Prototype Parts – Parts manufactured using methods different from those intended for the normal production process. Prototype parts are not to be used for FAI purposes.
 - 3.4.24 Designed Tooling – Product specific tooling (e.g. check fixtures, CMM program, etc.) specifically made to validate the design characteristics of a product.
 - 3.4.25 Qualified Tooling – Universal, not part specific, calibrated monitoring & measuring equipment (e.g. go/no-go gages, thread gages, etc.) used to validate product design characteristics, that are uniquely identified and traceable to their calibration record(s).
 - 3.4.26 DPD – Requirements of any digital data files that disclose, directly or by reference, the physical or functional requirements, including data files that disclose the design or acceptance criteria of a product. When design requirements are in a DPD format and traditional 2D drawing information is not available for applicable design requirements, the required DPD design characteristics are extracted, verified, & included in the FAIR.
 - 3.4.26.1 DPD is currently not being utilized by B-E.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 6 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

4.0 REGULATIONS & RESPONSIBILITIES:

4.1 Regulatory Requirements

4.1.1 n/a

4.2 Departmental Responsibilities

- 4.2.1 Engineering is responsible for providing design documentation that fully defines the product, including all the required design characteristics.
- 4.2.2 Purchasing is responsible to indicate that a FAIR is required on production purchase orders, as applicable
- 4.2.3 Operations is responsible to indicate that a FAIR is required on production shop orders, as applicable.
- 4.2.4 Inspection is responsible to perform, approve, and maintain all FAIR requirements for B-E in-house manufactured products. This includes processing of the items into IFS.
- 4.2.5 Quality Engineering is responsible to review, approve, and maintain items that have been completed and submitted by the supplier at the part-number level specified on the applicable purchase order. This includes processing of the items into IFS.
- 4.2.6 Suppliers are responsible:
 - 4.2.6.1 for performing, reviewing, transmittal to B-E and storage of all FAIR(s) per QP-137, Quality Code 59 or 80 as specified on the Purchase Order, for all supplied parts/assemblies.
 - 4.2.6.2 to maintain a FAIR for all parts/assemblies used in the end item.
 - 4.2.6.3 to flow-down of the FAIR requirement to sub-tier contractors.

4.3 Other

4.3.1 All first article inspection reports, including hand-written data, taken during the inspection are maintained on file by B-E Inspection/ Quality and/ or the supplier (where applicable), in accordance with the requirements of OP 16.1. These records may be stored electronically in a controlled and secure environment or in another media form other than paper. Where required by contract or regulatory authority, these reports will be made available for review.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 7 of 14
<u>Quality</u> Controlling Department	 BREEZE • EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

- 4.3.2 Where contract or regulatory requirements are specified for first article inspections which differ from those set forth herein, those requirements take precedence over this procedure. The format of the report is in agreement with the requirements of AS9102 or this procedure and remain as described unless specified by contract. Additional regulations may be added as necessary to meet B-E or customer / regulatory requirements.
- 4.3.3 All design and drawing characteristics, notes or special requirements noted on the FAIR form must be accepted without exception. Any out-of-tolerance or out-of-specification condition is considered a non-conformance and documented per OP 13.1. The non-conformance(s) are resolved and corrective action established per OP 14.1 before acceptance of the FAIR can occur.
- 4.3.4 A FAIR is required and maintained for all tooling, fixtures, gages, or jigs built to support B-E products and are on file at the supplier for supplier built items or at B-E for B-E built items per the requirements of OP 16.1.
- 4.3.5 Where complete or higher-level sub-assemblies are purchased from a supplier, the First Article Inspection is performed to the top level drawing of the supplied part/assembly. All subassembly, piece part levels, and purchased parts provided by the supplier as a part of the delivered part/assembly, have a FAIR generated and on file at the supplier. The Quality Clause 59 of QP-137 identifies this requirement.
- 4.3.6 Parts that have been identified on the Purchase Order as requiring a FAI, are shipped with a copy of the FAI to B-E without benefit of the Certified Supplier or Source Inspection Process. This is to assure that the items are sent to Receiving Inspection for review.
- 4.3.7 Upon successful completion of the FAI and at the time of shipment, a supplier is required to email the FAI and all associated documentation to the following: FAI_Submittal@breeze-eastern.com. The FAI should be a PDF file and named in the following format: PO Part Number _Rev (Rev. of P/N) _Supplier Code.pdf, i.e., BL-9149-1_Rev T_CB00469.pdf.
- 4.3.8 Samples of the FAIR forms are shown in Appendix A-C. Blank forms are also available on the B-E website.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 8 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

5.0 PROCEDURE:

- 5.1 Upon release of a new (First Production Run) or revised (revision change) product, change of manufacturing location, processes, materials, and when required by B-E, a first article inspection report is generated. The format of this report complies with the requirements of AS9102; or utilizes the applicable B-E documents:
 - 5.1.1 For the part being inspected, identify the parts and any sub-assemblies on Form QC-1351, Part Number Accountability, (see Appendix A for an example), or the AS9102 equivalent.
 - 5.1.2 The identification of raw material specifications, special process(es), and functional testing is recorded on Form QC-1352, Raw Material Specifications, Special Process(es), and Functional Testing, (see Appendix B for an example), or the AS9102 equivalent.
 - 5.1.3 All characteristics listed on the released final drawing for the product are identified on the Form QC-1353, Characteristic Accountability, Verification, and Compatibility Evaluation, (see Appendix C for an example), or the AS9102 equivalent.
- 5.2 Part(s) being submitted for FAI should be randomly selected from the lot of products under inspection. At B-E, inspections are in accordance with OP 10.1.
- 5.3 All characteristics are to be numbered and uniquely identified to the final drawing by marking the drawing with the character number.
 - 5.3.1 For Delta First Articles the changes may be accounted for and identified by the use of the marked up ECO being used in place of a marked up drawing.
- 5.4 Inaccessible characteristics are validated through lower level FAIRs conducted during the manufacturing process. These lower level FAIRs should be listed on Form QC-1351.
- 5.5 Product Acceptance Test Procedures and the data sheets are identified on Form QC-1352 and retained as part of the FAIR documentation package.
- 5.6 Special requirements listed on the drawing specification are included on Form QC-1352.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 9 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

- 5.6.1 Process certifications and material certification utilized as evidence of conformance are verified against the applicable standard(s) to additionally determine conformance.
- 5.7** Manufacturing travelers, routing sheets and work instructions (routings) supporting operations performed during the manufacturing process are retained as part of the FAIR documentation package.
- 5.7.1 Inspections and tests performed as part of a Quality or Manufacturing Procedure/ Work Instruction are retained as part of the FAIR documentation package as well.
- 5.7.2 FAIR documentation retention as per OP 16.1.
- 5.8** The Design Characteristics are defined on the Form QC-1353, including the dimensional characteristics with nominal and tolerances included, drawing notes, specification requirements, notes, etc.
- 5.9** Suppliers performing an FAIR that is required to be forwarded to B-E, are to include copies of all associated process and material certifications.
- 5.9.1 Any additional purchase order requirements are listed on the FAIR form.
- 5.10** Following the completion of the inspection/evaluation, the inspector will approve/disapprove the FAIR based upon the inspection results. This approval takes the form of a signature, and the inspector's stamp being applied to the completed forms. Suppliers may utilize a signature and date only.
- 5.11** A FAIR with a non-conformance is not approved until all non-conformances have been documented per OP 13.1 and resolved in accordance with the requirements of OP 14.1.
- 5.12** Completed FAIR packages are reviewed and approved by Inspection for items completed by B-E. Quality Engineering reviews, approves, and stores items completed by suppliers at the part-number level specified on the applicable purchase order.
- 5.12.1 Supplier will store FAIR packages, including all lower-level subassembly, piece part, and purchased parts provided within the part purchased by B-E.
- 5.12.2 Storage may be by utilizing electronic copies of the signed FAIR. Records retention is in accordance with OP 16.1, Indefinite.
- 5.13** The reviewed FAIR packages are uploaded into B-E's IFS System and attached to the Inventory Part record for that part.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 10 of 14
<u>Quality</u> Controlling Department	 BREEZE • EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

5.13.1 FAIRs that are not for a part that is an IFS Inventory Part, are stored in the appropriate B-E sub-directory within shared drive INSP\$ F:\ FAI_Approvals.

5.14 Informational Reports From IFS

5.14.1 Reports for a given product or assembly which identifies all approved FAIR(s) for all included parts or assemblies, may be obtained via the IFS System, Info Services/Quick Report Navigator/ Quality/ BOM/FAIR Expiration Report. This report displays levels and approved FAIR(s).

5.14.2 A report that lists all approved FAIR(s) is accessible via the IFS System, Info Services/Quick Report Navigator/ Quality/ FAIR Documents. This report displays all approved FAIR(s) in part number sequence.

5.15 Records, Audits, Training

5.15.1 Records retained per OP 16.1 and PO requirements (for suppliers).

5.15.2 The First Article Inspection process is subject to audit in accordance with the requirements of OP 17.1.

5.15.3 Applicable training as per OP 18.1.

6.0 REVISION HISTORY:

REV	DATE	OWNER	DESCRIPTION OF CHANGE(S)
Ø	06/07/06	C. Blanton	New Document
A	05/16/07	C. Blanton	Complete rewrite to bring in compliance with new format. No revision bars used.
B	5/29/09	Norman Harris	Update format, major update of content to comply with AS9102, Rev. B, added references to OP 13.1, OP 14.1, OP 16.1, OP 17.1, and OP 18.1. Rev. Bars are not used due to extend of rewrite.
C	04/01/10	Norman Harris	Update form, instructions and supporting verbiage to comply with AS9102A:2004.
D	8/4/11	Norman Harris	Update Sec. 3.30 to read “and/or supplier (where applicable)”; 3.35 Added reference to Quality Clause 59 of QP-137. 3.36 added to require FAI’s specified on a PO to be processed without benefit of Certified Supplier or Source inspection. 4.2 and 4.3 added to identify who reviews and approves in-house and supplier FAIRs. Updated 5.13 to allow approval by signature and/or stamp. Updated 5.15 FAIR approval by B-E and items to be stored by B-E and by supplier; Appendix D – eliminated typo by removing header “Appendix C and Form QC 1353” title.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 11 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

E	6/24/13	Fred Willms	5.2 Add the following sentence: For Delta First Articles the changes may be accounted for and identified by the use of the marked up ECO being used in place of a marked up drawing. Ref: – CAR 2883.
F	5/14/15	Norman Harris	Update to current format. Replaced Appendix A, B, C, D, E, F with Appendix A, B & C. 3.4.6, Added “on the face of the drawing”. 3.4.8 Added “or forms per AS9102”. 3.4.15, Added “or Commercial “. 4.4.24 Added new paragraph. 4.2.4 Added “per OP 137, Quality Code 59 or 80as specified on the Purchase Order”. 5.1.1, 5.1.2, 5.1.3, Added References Appendix A, B & C to the appropriate paragraph. 5.11 Deleted the first sentence completely. 5.13. Added “Suppliers may utilize a signature and date only.” 5.15, Added "Indefinite" at the end of the paragraph. Added 5.16, 5.17, 5.18 to define the storage requirements and the Report Generation Capability. Updated 4.2.2, 4.2.3, 4.2.4 to include maintenance of the FAI Records. Updated 4.2.5 to replace “this” with “of the FAIR”.
G	11/28/16	L. Novak	DCN 16-12QA updated references to AS9102A:2004 to AS9102B:2014 or AS9102 where needed; reworded last sentence in 2.1 and 2.2.
H	06/10/19	L. Novak	Entire contents prepared in compliance with current Procedural Template, QC 1298 Rev. P. Incorporated updates per DCN 16-12QA, added “production process verification” in 1.1 & 3.4.7; added 2.4 under 2.0 “Scope” to indicate “DPD excluded from Scope of Procedure; updated title of Procedure OP 16.1 from “Control of Records” to “Documented Information Retention”; added acronyms & definitions from ASS9102B to sec. 3.4 “Abbreviations and Definitions”; added sec. 4.2.2 & 4.3 under “Regulations & Responsibilities”; renumbered items in sec 5.0; added “Records, Audits, Training” into 5.15; reworded, replaced the use of “shall”; reformatted, renumbered and corrected grammatical errors where appropriate. Corrected sub-directory title “TRANSFER No Part and Rev Inventory Part”for files not retained within IFS. Updated sample forms in Appendix A-C.

OPERATING PROCEDURE		OP 10.3	Revision: H Page 13 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

APPENDIX B - Form QC-1352, Product Accountability – Materials, Special Process, & Functional Test


FIRST ARTICLE INSPECTION FORM QC-1352
PRODUCT ACCOUNTABILITY – MATERIALS, SPECIAL PROCESSES,
AND FUNCTIONAL TESTING

Sheet 1 of 8

1. Part Number required: p/n from the PO		2. Part Name required: name from the drawing or PO		3. Serial Number optional: as applicable			4. FAIR Number optional: FAIR # from QC-1351 / form 1				
5. Material or Process Name		6. Specification Number		7. Code		8. Supplier		9. Customer Approval Verification		10. Certificate of Conformance Number	
required: name of applicable materials and special processes		required: number of applicable material (spec & material form) or process spec (including class & superseding if applicable)		optional: as applicable		required: identify supplier performing special process or supplying material		when req'd		when req'd	
include MS, AN, & std. cat. items		if standard catalog item or COTS are modified, then list standard or COTS item								required: Applicable cert # (e.g. special process cert, raw material test report, traceability number, etc.)	
N/A on all unused lines recommended		N/A		N/A		N/A		N/A		N/A	
N/A		N/A		N/A		N/A		N/A		N/A	
N/A		N/A		N/A		N/A		N/A		N/A	
11. Functional Test Procedure Number				12. Acceptance Report Number, if applicable							
conditionally required: ATP / test specified by drawing / performed by supplier				as applicable functional test cert indicating test requirements have been met							
N/A on all unused lines recommended		N/A		N/A		N/A		N/A		N/A	
N/A		N/A		N/A		N/A		N/A		N/A	
13. Comments: optional											
14. Signature: required: originator of FAIR						15. Date required: date of FAIR					

THIS IS A QUALITY RECORD – MAINTAIN PER OP 16.1

QC Form 1352 Rev. E 6/02/16

Breeze-Eastern Form QC-1298, Rev P, February 26, 2016
 Uncontrolled Document when printed – Revision must be confirmed per OP 2.1
 ©2016 Breeze-Eastern LLC. All Rights Reserved.
 Contents Proprietary Information of Breeze-Eastern LLC

OPERATING PROCEDURE		OP 10.3	Revision: H Page 14 of 14
<u>Quality</u> Controlling Department	 BREEZE-EASTERN <small>Be Ready. Be Sure.</small>	<u>06/13/06</u> Issue Date	<u>06/10/19</u> Revision Date
FIRST ARTICLE INSPECTIONS			
Notes:			

APPENDIX C - Form QC-1353
Characteristic Accountability, Verification and Compatibility Evaluation



FIRST ARTICLE INSPECTION FORM QC-1353
CHARACTERISTIC ACCOUNTABILITY, VERIFICATION,
AND COMPATIBILITY EVALUATION

Sheet 1 of 2

1. Part Number required: p/n from the PO			2. Part Name required: name from the drawing or PO			3. Serial Number optional: as applicable		4. FAIR Number optional: FAIR # from QC-1351 / form 1	
Characteristic Accountability				Inspection/Test Results					
5. Char #	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed / Qualified Tooling	11. Nonconformance#	14. [Insert columns, etc. as required by Organization or Customer]		
required:	required: location of the design characteristic (e.g. drawing zone)	if applicable: record characteristic type (e.g. critical part, flight safety, etc.)	required: as specified for all drawing characteristics (e.g. drawing characteristic with nominal dimension & tolerances, drawing notes, spec reqts, etc.)	required: actual measured or confirmed result	as required: for designed tooling used for attribute acceptance record tool id #; for qualified tooling used for attribute acceptance record gage value or range	when required: for char. non-conform record ncr doc # (e.g. MRB case #)	optional: to record additional information as needed.		
N/A	N/A	N/A	N/A on all unused lines recommended	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	note:	rows	can be added / eliminated via WORD	/ review	/ stop protection		restrictions need to be re-applied before resuming adding data		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
12. Signature: required: originator of FAIR				13. Date: required: date of FAIR					

THIS IS A QUALITY RECORD – MAINTAIN PER OP 16.1

QC Form 1353 Rev. D 5/24/16