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Quality Assurance Manual

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pg. 1

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Revision 10

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Quality System and Quality Manual

- A.** The purpose of this manual is to define and assure that [Bernoulli Aerospace](#) has a system sufficiently adequate to assure a quality product that complies with customer specifications.
- 1)** The quality system, including procedures and operations, shall be described in detail in this manual.
 - 2)** All elements of the ASA-100 standard may not be outlined in this manual as they do not fall within the scope of this company's current operations. These will be noted as non-applicable in appropriate sections of the manual. All elements of the ASA-100 standard will be listed in the Table of Contents.
- B.** This manual shall be made readily available to management and supervisory personnel responsible for the activities described. This system shall contain all of the applicable elements of the adopted governing specification, which are the ASA-100 and FAA AC 00-56, and be described in sufficient detail to be used as operating instructions.
- C.** This manual shall be kept current and readily available to employees, the customer's auditor or designee and the Aviation Suppliers Association. Other quality system documents to be maintained current include: ASA-100, AC 00-56, AC 21-29, ASA-100 self-audit checklist, ASA Best Practice Disposition of Unsalvageable Aircraft Parts, ASA Best Practice ESD, and the ATA Specification 300 (2000 or later version). The Director of Quality (DOQ) shall maintain a list of controlled copies of this manual on QAMFORM1, QAM Distribution List. Revisions to the manual will be identified and recorded on the Table of Contents/List of Effective Pages. The latest manual revision # and date will be recorded on the Record of Revisions page. Copies of revised pages or the entire manual will be sent to holders of controlled copies of this manual. The quality manual revision process consists of the following steps:

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- On the Record of Revision page, increment the next line to the next level and date.
- On the Record of Revision page in the upper right, assure the REV is incremented to reflect the latest in progress.
- Make any revisions to the manual's pages. On each revised page in the upper right assure that the REV reflects the current revision number in progress. For example, if the page was at REV Original, but the revision in progress is REV 3, that page shall reflect REV 3.
- On the Table of Contents/List of Effective Pages, in the upper right increment the REV number to latest in progress.
- On the Table of Contents/List of Effective Pages, in the Rev column, assure that all revised pages reflect the latest revision number in progress.
- On the title page update the revision.
- Perform a final check to see if the revision has changed the page numbers listed on the List of Effective Pages.

D. Significant changes to this manual (those changes involving the processes and procedures used to comply with the ASA-100 and AC 00-56) shall be submitted to the ASA for written acceptance of the changes prior to implementation. Minor changes involving administrative or editorial changes (changes in title for example) may be made unilaterally and distributed without prior written acceptance from the ASA. An electronic copy of the quality manual shall be sent to Aviation Suppliers Association for all significant changes made to the manual.

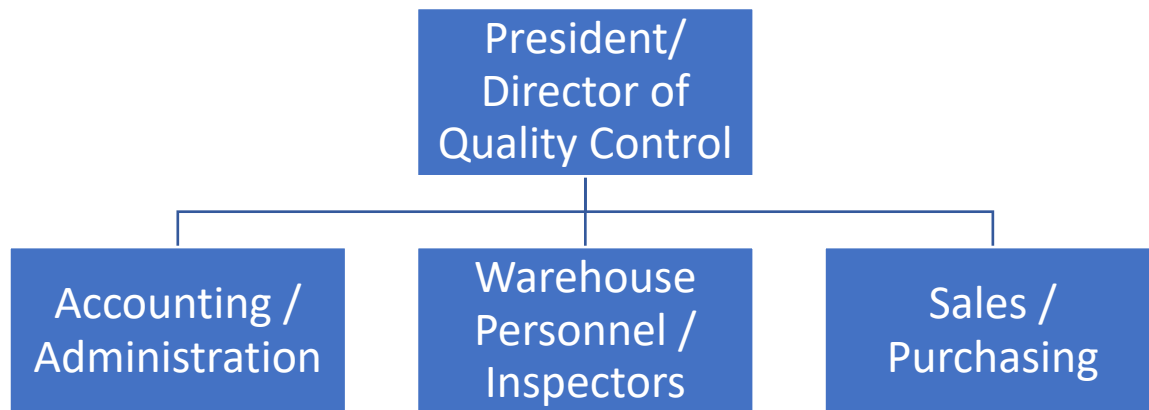
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E.1) Organization Chart



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E.2) Personnel Responsibilities

President: The President is ultimately responsible to assure that the integrity of the quality system is maintained. Such responsibility for routine functions is delegated to staff members as may be described in this manual. In the absence of the President, the Vice-President shall assume duties performed by the President.

DOQ: The Director of Quality is responsible for the following functions:

- a) Maintenance of the QAM, QAM distribution list, and inspection roster
- b) Training of personnel
- c) Self-audit program
- d) The receiving and shipping inspection functions
- e) Assuring any publications referred to in this manual are kept current
- f) Maintenance of the approved supplier list and quality history
- g) Assuring shelf life and limited life products are properly documented and stored
- h) Records
- i) Material control of parts in the storage area
- j) Corrective Action Process
- k) Scrap program

Warehouse Personnel/Inspectors: These employees perform shipping and receiving inspections in accordance with QAMFORM's 6 and 7 and must be so authorized by the DOQ as noted on the inspection roster.

Accounting/Administration/Sales/Purchasing personnel: See section 5.

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- E.3) The distribution and revision control system for quality documentation and other technical data. See Paragraph 1 C, and section 13.
- E.4) Record keeping: See section 12.
- E.5) Training requirements and records: See section 4.
- E.6) Shelf-life material control: See section 9.
- E.7) Discrepant material control: See section 8.
- E.8) Receiving Inspection: See section 6.
- E.9) Tool and test equipment calibration program: See section 7.
- E.10) The storage facilities and applicable specifications. See section 3.
- E.11) Parts identification: See section 8.
- E.12) Environmental Controls: At this time [Bernoulli Aerospace](#) does not store any material that requires specific storage temperatures. Nonetheless, the warehouse area is heated and/or cooled appropriately for the climates experienced.
- E.13) Control of inspection stamps: See section 6 D.
- E.14) Self-audit program: See section 2.
- E.15) Corrective Action Process: See section 14.
- E.16) Hazmat Control and Transport: See section 15.

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Self-Audit Program

A. The purpose of [Bernoulli Aerospace](#)'s self-audit program is to assure that the adopted AC 00-56 and ASA-100 quality system has been implemented, and to provide the necessary feedback for continuous improvement in the operation. The DOQ or a qualified and appropriately authorized designee will perform the self-audit. The audit shall be conducted annually using the ASA-100 self-audit checklist available at www.aviationsuppliers.org. The audit may be accomplished in sections scheduled throughout the year. However, all elements of the ASA-100 must be covered within the year. When the self-audit identifies a nonconformity, [Bernoulli Aerospace](#) shall follow the Corrective Action Process described in Section 14 of this quality manual to address the nonconformity. Nonconformities shall be recorded on QAMFORM3, Corrective Action Report.

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Facilities

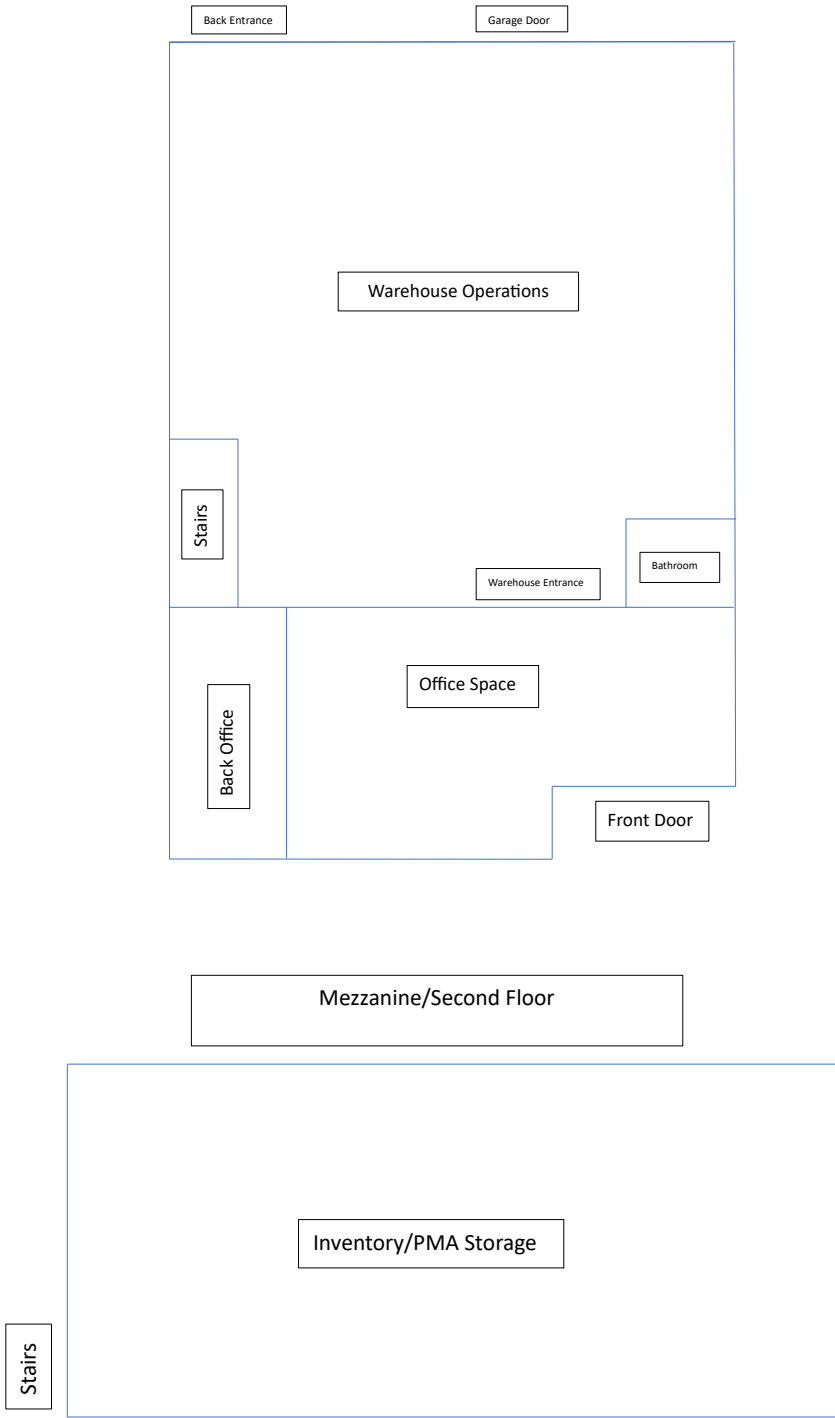
- A. [Bernoulli Aerospace](#)'s facility shall be configured to assure that storage does not damage inventory. Storage areas shall have adequate space and appropriate racks so that parts are stored in a manner that will preclude damage. The existing site has approximately 2,000 square feet of storage and office spaces. There is no "off-site" storage facility. See detailed floor plan of the storage facility on following page.
- B. The storage area is secured to prevent unauthorized access. The entire facility is secure, and contains smoke detecting systems as well as posted fire extinguishers. [Bernoulli Aerospace](#) does not engage in aircraft/component maintenance.
- C. [Bernoulli Aerospace](#) deals solely with aircraft parts in its brokering and distribution operation.
- D. Serviceable parts (including new, overhauled, inspected, repaired etc.) shall be segregated from unserviceable parts (including unserviceable, as removed, as is, repairable, etc.) in a manner that will control the issuance of those parts. Such segregation shall include physically storing these parts in designated areas, and indicating their condition in [Bernoulli Aerospace](#)'s computerized inventory/sales system.

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Floor Plan:



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Training and Authorized Personnel

- A. [Bernoulli Aerospace](#) shall have personnel who are properly trained to perform inspection, handling and record keeping procedures to support the adopted quality system, which is the ASA-100 and AC 00-56.
- B. Inspection personnel shall be properly trained and authorized. [Bernoulli Aerospace](#) personnel authorized to perform receiving inspections, shipping inspections, and to sign [Bernoulli Aerospace](#) certifications shall be so authorized on QAMFORM2, Inspection Roster. The DOQ shall be responsible for maintaining a current roster on file. In order to be placed on this roster, personnel must at a minimum have the following training criteria documented on QAMFORM4:
- I. Unapproved parts and counterfeit parts and materials
 - II. Receiving and shipping inspection
 - III. ASA-100 familiarization
 - IV. Parts and warehousing
 - V. Recordkeeping
 - VI. FAA AC 00-56
 - VII. ESD handling
 - VIII. Hazmat/DG Awareness
- C. All training, both OJT and classroom, shall be documented on QAMFORM4, Training Record, or be documented on a certificate of training (or equivalent) in the event the training was performed by organizations external to [Bernoulli Aerospace](#). Training records shall be retained for at least two years after the employee has left employment with the company. QAMFORM4 includes:
- I. Description of the training.
 - II. Date(s) and length of instruction.
 - III. Name of the employee receiving training.
 - IV. Signature of the instructor within the organization, or in the case of training received outside the company, the name of the organization providing the training, and the instructor's name.
 - V. Any additional information required by law or regulation.
- D. The roster of personnel authorized to perform inspection functions and their alternates shall be maintained on QAMFORM2 as previously described. Because there are multiple names on the roster, the list itself serves to designate alternates.

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Training and Authorized Personnel

- E.** Training program for personnel involved in procurement, receiving inspection, shipping inspection and material control shall include (but not be limited to) identification and recognition of unapproved parts, and counterfeit parts and materials.

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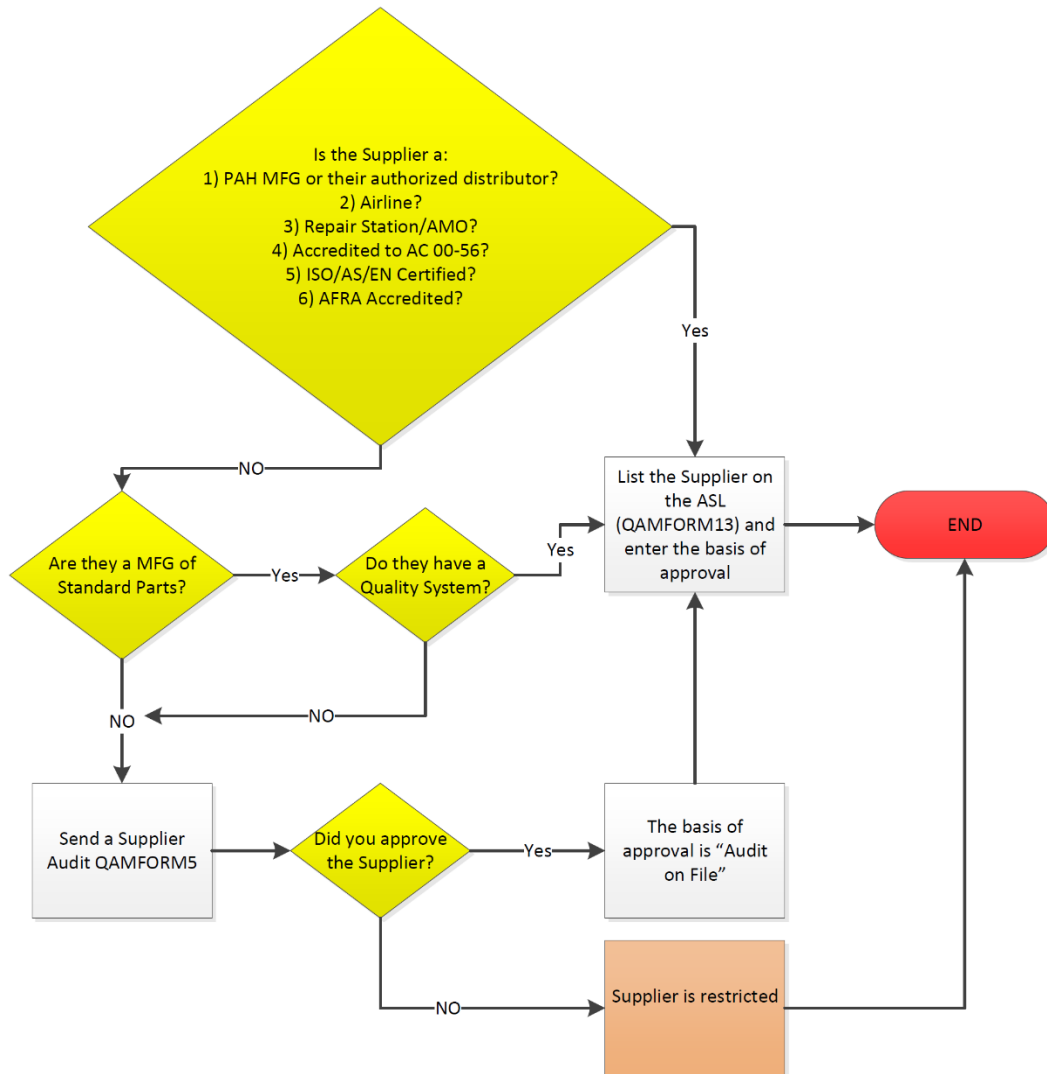
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Procurement

- A. [Bernoulli Aerospace](#)'s procurement system shall assure that materials and components purchased are traceable to a prior source and bear acceptable documentation that conforms to at least one of the receipt requirements listed in appendix A of the ASA-100 Standard. [Bernoulli Aerospace](#)'s record keeping system described in section 12 of this manual shall serve as the record to demonstrate traceability of such purchased materials and components. This record of traceability shall be supplemented by [Bernoulli Aerospace](#)'s computerized inventory, sales, and purchasing system. Such information will be provided to interested parties upon request.
- 1) When a part is drop shipped to [Bernoulli Aerospace](#)'s customer, all traceability documentation shall be forwarded to Bernoulli Aerospace for review and approval prior to the part being shipped to the customer. Bernoulli Aerospace shall provide the customer with documentation in accordance with the "Required for Shipment" column of Appendix A of the ASA-100 standard.
- B. In cases where a customer informs [Bernoulli Aerospace](#) of any special requirements regarding a part to be purchased, [Bernoulli Aerospace](#) shall communicate such special requirements to its procurement sources via its purchase order. Deviations of customer's purchase orders shall be disclosed and approved by the customer.
- C. All approved suppliers shall be placed on the [Bernoulli Aerospace](#)'s approved supplier list; basis for approval for each supplier shall be identified. The DOQ shall be responsible for the monitoring and control of suppliers on this list.
- PAHs (prime manufacturers, PMA holders, TSO Mfgs) and their authorized distributors, Airlines, Repair Stations/AMOs, FAA AC 00-56 accredited distributors, ISO/AS/EN certified distributors, or AFRA accredited distributors are unrestricted, and not subject to approval via QAMFORM5, Supplier Audit Form.
 - All other suppliers are subject to approval via QAMFORM5, Supplier Audit Form. The DOQ shall ensure that no purchases are made unless QAMFORM5 has been sent, and subsequently approved and on file. QAMFORM5 is only issued upon initial setup of the supplier; A supplier's quality history shall serve as the basis for the sustained approval on QAMFORM13 Approved Suppliers List.
 - The process is reflected in the flow chart on the following page.
 - A one-time purchase from a supplier that is not on the approved supplier list may be authorized by the DOQ based on receipt of acceptable documentation IAW section 5 A of this quality manual.
 - QAMFORM8, Receiving/Material Discrepancy Log, shall serve to establish the quality history of all suppliers.

SUPPLIER APPROVAL PROCESS



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Procurement

D. [Bernoulli Aerospace](#) shall assure that:

- 1) A part from an aircraft or engine that is known to have been subjected to extreme stress, heat or environment is identified as having been exposed to such circumstances. In addition, parts that are known to have been otherwise subjected to extreme stress or heat (i.e., a warehouse fire) shall also be identified as such to the customer. [Bernoulli Aerospace](#)'s Purchase Order to its suppliers requires that such parts be identified. When so identified, [Bernoulli Aerospace](#) will disclose this to the customer upon initial contact, and in the documentation supplied to the customer with the part.
- 2) All Airworthiness Directives (AD's) that are represented as having been accomplished are documented. Certification of compliance shall specify AD number, AD amendment number, date, and method of compliance, i.e., "AD xx-xx-xx terminated (date). Replaced shaft seal with P/N _____ shaft seal (signature)." Receiving inspection shall check for such documentation.
- 3) Items identified as overhauled, rebuilt, repaired, inspected, or modified have the appropriate signed (not stamped or preprinted) and dated documentation attached to substantiate the condition of the part. Receiving inspection shall check for the presence of such documentation.

With the exception of activities mentioned in this section to be performed by the DOQ or Inspectors, Sales and Purchasing staff are responsible to carry out the requirements herein.

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Receiving Inspection

- A. Inspectors shall conduct a complete visual inspection of all incoming parts and materials, and check for presence of appropriate documentation. Inspections shall be carried out in accordance with QAMFORM6, Receiving Inspection Guide. Documents shall be copied and/or scanned during the receiving inspection process.
- B. Sample visual inspection of fasteners for workmanship and documentation shall be performed during the receiving process. Certifications provided to [Bernoulli Aerospace](#) containing information such as physical and chemical properties of fasteners or conformity statements shall be kept on file.
- C. Suspected Unapproved Parts shall be reported in accordance with FAA AC 21-29.
- D. Inspection stamps shall be used for acceptance and rejection of parts and material. Stamp issuance and control shall be documented on QAMFORM11, Stamp Control Log. Inspection stamp identification imprints shall not be re-used for two years after an inspector to whom the imprint was assigned leaves the position; or the stamp with the imprint is lost or stolen.
- E. At this time [Bernoulli Aerospace](#) makes only occasional purchases of standard parts, fasteners, or raw materials; it is not a significant distributor of such commodities. However, sample visual inspection shall be performed when these items are received.

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Measuring and Test Equipment

At this time [Bernoulli Aerospace](#) does not use any measuring and test equipment, either required by contract or for conducting sample inspections.

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Material Control

- A. Material in [Bernoulli Aerospace](#)'s possession shall be handled in an appropriate manner and shall be protected from damage and deterioration. Special packaging shall be maintained as necessary. A visual check of the storage area shall be performed periodically in conjunction with the self audit to assure the effectiveness of storage and identification methods. Any flammable materials shall be stored in protective cabinets/lockers.
- B. Batch/Lot control: Segregation of batch and lot shipments for parts so identified by the manufacturer shall be observed. This extends to parts of the same kind and part number received to be stored on the same purchase order. Records of purchases less sales shall equal inventory. Different lot or batch numbered parts shall be stored separately.
- C. In the event of a recall, [Bernoulli Aerospace](#) shall use its records and computerized history of sales and purchases to effect a recall and notification of its parts either in inventory, or already shipped to customers.
- D. Whenever practical, [Bernoulli Aerospace](#) shall store and deliver parts in the manufacturer's original packaging. Packaging or attached paperwork shall identify the manufacturer or distributor, the P/N, serial number or batch/lot number, and the quantity. [Bernoulli Aerospace](#) shall use ATA Spec 300 packaging or equivalent, or use customer specified packaging when so stated, for example, on the customer's purchase order. In the event flammable, toxic, or volatile materials are to be shipped, they shall be packaged in a safe manner per manufacturer's instructions, local regulations, or HAZMAT regulations as applicable.
- E. ESD protection: Material subject to ESD shall be packaged, handled and protected with necessary precaution, and in accordance with requirements for safe handling. Parts determined to be electrostatic sensitive devices shall not be removed from their protective packaging. If, however, the part must be removed for the purpose of further inspection a grounded ESD mat and wrist strap will be used. Only ESD trained and authorized personnel shall handle this type of product.

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Material Control

- F. [Bernoulli Aerospace](#) shall assure that serviceable parts or components are adequately protected against the environment and damage by being properly wrapped, packaged, boxed etc., as appropriate. All fluid passages, lines, or electrical connections shall be capped or plugged. When specified by the manufacturer or repair station, parts whose performance would be adversely affected by an 'unclean' environment will be protected in accordance with instructions from those sources.
- G. In order to preclude part number ambiguity, [Bernoulli Aerospace](#) shall use only the manufacturer's part number in their storage and labeling of parts. [Bernoulli Aerospace](#) shall not alter or replace any data plates under any circumstances.
- H. Material identified as suspect or nonconforming during the receiving inspection, or later, shall be segregated and placed in an area so designated until such suspicion or nonconformance can be properly resolved. All suspect or nonconforming material shall be documented on QAMFORM8, Receiving/Material Discrepancy Log as well as the action taken to address the discrepancy. This log shall form the basis of a quality history for affected suppliers; it shall be reviewed on a regular basis and if a trend is observed the Corrective Action Process described in Section 14 shall be initiated.
- In the event [Bernoulli Aerospace](#) discovers that non-conforming material has been shipped to a customer, Bernoulli Aerospace shall notify the customer in writing within 24 hours.
- I. Parts to be scrapped shall be mutilated by drilling, grinding, weld cutting, or other means as necessary to the extent that will preclude the possibility of their being restored and returned to service. Records of such mutilation shall be kept for all serialized and/or life limited parts. The DOQ shall be responsible to verify that the part was adequately mutilated before being discarded. QAMFORM9, Scrapped Parts Log, shall be used to record part number, description, serial number (if applicable), and the date the part was scrapped. QAMFORM9 records shall be maintained for at least 7 years. Subcontractors and/or repair stations utilized by [Bernoulli Aerospace](#) may perform the scrapping process; however, these businesses shall provide a certificate of destruction for parts scrapped at their facility.
- J. [Bernoulli Aerospace](#) shall report suspected unapproved parts to the FAA according to AC 21-29 or to the appropriate CAA.

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Shelf-Life Control

- A.** Parts which have shelf life limitations, including component subassemblies containing shelf life-limited parts, shall be placed in an area of the warehouse so designated for such parts. Parts placed in this area shall be entered on QAMFORM10, Shelf Life Items Control Log. The form contains provisions for location, part number, quantity, and expiration date. The form shall be posted in the designated area of storage and checked prior to removing and issuing stock. Parts that have reached the end of their useful shelf life shall be removed from this stock and placed in quarantine for further disposition. No expired material or part will be represented as having remaining shelf life. The DOQ is responsible for the administration of the shelf life control program.

The determination of whether a part is shelf life-limited is determined solely by the manufacturer or other certificate holder, such as an airline, or repair station. [Bernoulli Aerospace](#) shall rely on supplied documentation, part marking, teardown reports, or package marking to determine if shelf life limits exist.

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Certification and Release of Materials

- A. [Bernoulli Aerospace](#) shall provide the customer with documentation in accordance with the "Required for Shipment" column of Appendix A of the ASA-100 standard. When a Certified True Copy is required for shipment the document shall be stamped with a statement asserting that it is a Certified True Copy of the original.
- B. The following conditions, when disclosed to [Bernoulli Aerospace](#), shall likewise be disclosed to the customer on [Bernoulli Aerospace](#)'s material certification.
- I) Parts removed from an aircraft or engine that was subjected to extreme stress, heat or environment such as major engine failure, accident, fire, or saltwater immersion.
 - II) Parts subjected to extreme stress or heat (i.e., warehouse fire).
 - III) Parts previously installed in a public aircraft, such as a government use aircraft or a military aircraft.
- C. [Bernoulli Aerospace](#)'s record keeping system described in section 12 of this manual shall serve as the record to demonstrate traceability of purchased materials. This record of traceability shall be supplemented by [Bernoulli Aerospace](#)'s computerized inventory, sales, and purchasing system.
- D. The following procedure shall be followed when copies are made for redistribution shipments and when the approval tags are copied:
- I) A Certified True Copy of the document shall be sent with the shipment. It shall be stamped with a statement asserting that it is a Certified True Copy of the original.
 - II) As parts are issued, quantity in stock shall be decreased in the inventory control system.
 - III) The original document shall remain with the inventory until sold. At which time it shall be kept on file at [Bernoulli Aerospace](#) for 7 years from the date of sale to the customer.

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Shipping

- A. [Bernoulli Aerospace](#) shall use ATA Spec 300 packaging or equivalent, or as specified by the customer. Parts shall be packed in such a manner as to preclude damage from rough handling of the container.
- B. Shipping inspections shall be carried out in accordance with QAMFORM7, Shipping Inspection Guide.
- C. When [Bernoulli Aerospace](#) causes an article to be shipped as a drop shipment, [Bernoulli Aerospace](#) shall review and approve the documentation relating to each article in the drop shipment. QAMFORM12 shall be used for this purpose.

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Records

- A. [Bernoulli Aerospace](#)'s records consist of three areas of storage:
- I) Records of purchases and sales as kept on its computerized inventory, purchases and sales system.
 - II) Hard copies of applicable documents such as airworthiness tags, material certifications, certificates of conformity, etc. This shall include those documents that contain information such as serial number and lot or batch numbers when applicable. See section 6A.
 - III) Scanned copies of applicable documents such as airworthiness tags, material certs, certificates of conformity etc. This shall include those documents that contain information such as serial number and lot or batch numbers when applicable. See section 6A.
- Through the combination of these records, [Bernoulli Aerospace](#) maintains a system such that data is readily available and identifiable for each customer, and each purchase. Such records shall be maintained for at least 7 years from the date of sale to the customer.
- B. At this time [Bernoulli Aerospace](#) makes only occasional purchases of standard parts, fasteners, or raw materials; it is not a significant distributor of such commodities. When however, certifications are provided to [Bernoulli Aerospace](#) containing information such as physical and chemical properties of fasteners or raw stock, or conformity statements, copies shall also be kept on file for at least 7 years from the date of sale to the customer.
- C. See paragraph 12 B.
- D. Copies of records, traceable to a FAA-certificated source or other acceptable source (in accordance with AC 00-56 para. 4(h)), confirming current life-limited status shall be kept on file when applicable.
- E. Records are stored in an area of the operation protected against damage, alteration, deterioration, or loss. Computer records are backed up periodically.

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Technical Data Control

[Bernoulli Aerospace](#) does not maintain any technical data such as manufacturer's illustrated parts catalogs, or overhaul manuals. Outdated or any technical data that may be held on-site that is not on revision service shall be conspicuously marked "For Reference Only".

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Corrective Action Process

- A. The corrective action process is a closed loop system that identifies the issue (nonconformity/discrepancy) and its cause; implements immediate containment and system correction; and proactively looks forward to make sure a similar issue doesn't occur.

The Corrective Action Process shall be conducted at minimum in the following cases:

- Identification of suspect or nonconforming material (when a trend is observed)
 - Identification of a nonconformity during an internal audit
 - Identification of an RMA from a customer due to a quality issue
- B. [Bernoulli Aerospace](#)'s Corrective Action Process shall:
- 1) Implement a corrective action to correct the immediate (short term) discrepancy when such correction is identified as necessary. The immediate corrective action shall be documented on QAMFORM3.
 - 2) Ensure that the containment action when applicable is appropriate to limit the problem identified. The method of containment shall be documented on QAMFORM3.
 - 3) Identify the root cause of the discrepancy using root cause analysis and implement corrective action if required. The corrective action if required, root cause and the method used to establish the root cause shall be identified on QAMFORM3.
 - 4) Implement necessary actions, which may include a corrective action plan, that are appropriate for the problem identified. Immediate correction and containment actions if required shall be implemented as soon as reasonably possible, all other responses shall be obtained in a timely manner.
 - 5) Locate and correct similar discrepancies, if they exist, by inspecting other areas that could be affected by the same discrepancy. Similar discrepancies shall be documented on QAMFORM3.
 - 6) Implement follow-up action(s) to prevent recurrence of the discrepancy. The organization shall look for objective evidence that the corrective action implemented effectively eliminated the root cause. Follow-up action(s) shall be documented on QAMFORM3. Follow-up action(s) shall be taken in a timely manner.
- C. QAMFORM3 shall be used to document the Corrective Action Process. All fields shall be completed, and in cases where the entry is not applicable, "N/A" shall be entered. The Director of Quality shall be responsible for the Corrective Action Process.

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Hazmat Control and Transport

A). [Bernoulli Aerospace](#) shall follow Title 49 of the Code of Federal Regulations (49 CFR). [Bernoulli Aerospace](#)'s training program for personnel involved with hazardous material (hazmat) shall include hazardous material awareness, control of hazardous material and shipping process for hazardous material.

AND/OR:

B). [Bernoulli Aerospace](#) shall follow approved procedures to outsource all hazardous material (hazmat) to an approved vendor to handle the shipping process for hazardous material.

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CLASS OF PARTS	REQUIRED ON RECEIPT	REQUIRED FOR SHIPMENT
Consumable materials intended to be consumed in the maintenance, alteration, or preventive maintenance of a product or article (e.g. tape, grease, paint, sealant, etc.).	Statement from seller as to identity.	Statement as to identity and that original seller's statement is on file.
Raw materials.	Physical and chemical properties reports traceable to heat code or lot number.	Certified true copy of the physical and chemical properties reports.
Standard parts.	Certificate of Conformity (C of C) from producer or seller verifying adherence to the appropriate requirements.	Certified true copy of the received C of C and statement that original certified statement is on file.
New parts produced by a U.S. type certificate (TC) holder and produced under TC only.	Certified statement from seller as to identity and condition.	Statement as to identity and condition and that original certified statement is on file.
New parts produced by a U.S. Production Approval Holder (PAH) that are accompanied by airworthiness approval or that bear part marking required by 14 CFR part 45.	FAA Form 8130-3 or part marking required by 14 CFR part 45.	Certified true copy of the regulatory airworthiness approval document or statement as to identity and condition for a part marked according to 14 CFR part 45.
New parts produced by a U.S. PAH that are not accompanied by airworthiness approval and that do not bear part marking required by 14 CFR part 45.	Certified statement from seller as to identity and condition.	Statement as to identity and condition and that original certified statement is on file.
New parts produced by a non-U.S. PAH and approved under the provisions of a bilateral agreement between the United States and a foreign country or jurisdiction.	Regulatory airworthiness approval document meeting the requirements of the bilateral agreement between the U.S. and the nation that issued the production approval; document should meet the requirements that were effective at the time that the part was imported into the United States.	Certified true copy of the regulatory airworthiness approval document.
New parts produced by a non-U.S. PAH that are not accompanied by airworthiness approval.	Certified statement from seller as to identity and condition.	Statement as to identity and condition and that original certified statement is on file.
Used parts that have been maintained under 14 CFR part 43 (including 14 CFR § 43.17).	Approval for return to service meeting provisions of 14 CFR §§ 43.9, 43.11, or 43.17.	Approval for return to service.
Used parts that have been maintained under foreign maintenance standards but not maintained under 14CFR part 43.	Approval for return to service meeting the requirements of the foreign maintenance standards.	Approval for return to service. The documentation should clearly identify the applicable airworthiness authority.

CLASS OF PARTS	REQUIRED ON RECEIPT	REQUIRED FOR SHIPMENT
Used parts, products, and appliances without approval for return to service.	Certified statement from seller about identity and condition – must use an accurate descriptive term or narrative to describe condition, such as “as-is,” or any other term that accurately describes the current condition and conveys to the distributor that the part may not meet other categories of this matrix.	Statement about identity and condition and that original certified statement is on file. Must use an accurate descriptive term or narrative to describe condition, such as “as-is,” or any other term that accurately describes the current condition and conveys to the transferee that the part may not meet other categories of this matrix.

Quality Assurance Manual Distribution List

Manual #	Issued to:

QAMFORM1 Rev Original

Inspection Roster

Roster updated on:

Name	Receiving inspection	Shipping inspection	Material certifications	Hazmat	ESD

QAMFORM2 REV: Original

Bernoulli Aerospace Quality Assurance Manual

	Corrective Action Report				
A. CAR INFORMATION					
1. Department:		2. Date:			
3. Responsible Person:		4. CAR/Finding Number:			
5. Repeat Finding:	<input type="checkbox"/> Yes <input type="checkbox"/> No	6. Previous Finding Number:		7. Systemic Finding:	<input type="checkbox"/> Yes <input type="checkbox"/> No
B. FINDING WRITTEN BY:					
8. Classification:		<input type="checkbox"/> Non-Conformance <input type="checkbox"/> Concern			
9. ASA-100 Section / Organization QMS:					
10. <u>Discrepancy:</u>					
NOTE: DESCRIPTION OF THE DISCREPANCY					
11. <u>Objective Evidence:</u>					
NOTE: EVIDENCE TO SUPPORT FINDING					
C. RESPONSE TO CORRECTIVE ACTION (complete the section below):					
(NOTE: There must be objective evidence submitted to support items 14-22. Objective evidence is information that is verifiable and shows that the statement being asserted is true. This is usually a record but can be other items as long as it proves the statement being asserted is true. For example, if in order to show a fix to a finding, Company "A" trained their staff on counterfeit parts, then objective evidence is the training record and remember the training record can be a company created training record. Evidence can be typed or pasted into form but typically it is supplied as attached documents.)					
12. <u>Correction:</u>					
NOTE: IMMEDIATE ACTION TAKEN TO ADDRESS THE ISSUE.					
REFERENCE ASA-100 SECTION 14 (B)(2)					
13. <u>Containment:</u>					
NOTE: ACTION TAKEN TO ENSURE THE DISCREPANCY DOES NOT SPREAD. MAY NOT BE NEEDED.					
REFERENCE ASA-100 SECTION 14 (B)(4)					
14. <u>Locate and Correct Similar Discrepancies:</u>					
NOTE: RESPONSE MAY BE NONE NOTED.					
REFERENCE ASA-100 SECTION 14 (B)(5)					
15. <u>Root Cause:</u>					
NOTE: WHAT CAUSED THE DISCREPANCY? CHOOSE ANALYSIS METHOD AND THEN ANALYZE.					
REFERENCE: ASA-100 SECTION 14 (B)(1)					

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16. Corrective Action (include plan if applicable): NOTE: LONG-TERM FIX TO DISCREPANCY. REFERENCE ASA-100 SECTION 14 (B)(3)					
17. Responsible Person:		18. Projected Completion Date:		19. Completion Date:	
20. Follow Up Verification of Corrective Action: NOTE: LONG TERM CHECK TO MAKE SURE ACTION TAKEN WAS EFFECTIVE. REFERENCE ASA-100 SECTION 14 (B)(6)					
21. Responsible Person:		22. Date of Verification:			

QAMFORM3 Rev Original

Training Record

Name of employee _____

Description	Date	Duration	Instructor Signature/Organization and Instructor Name	OJT	Classroom

QAMFORM4 REV: Original

Bernoulli Aerospace Quality Assurance Manual

[Bernoulli Aerospace](#)
[Address](#)
[Phone and Fax](#)
[E-mail](#)

SUPPLIER AUDIT FORM

In order for your firm to be placed on our Approved Supplier List, it is necessary that the responsible person in your firm fill out this audit form and return it to us via mail, fax, or e-mail. Please include copies of any Certificates attesting to the quality system in use.

Company	
Address	
City	
State	
Zip Code	
Country	

Name	
Title	
Phone	
Fax	
E-mail	

Quality System in use	
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I certify that the information contained within this document is true and correct.

Signature:	Date:
-------------------	--------------

Approved	Not Approved
Comments	
By:	
Date:	

Bernoulli Aerospace Quality Assurance Manual

Bernoulli Aerospace Supplier Audit Form

	Y	N	N/A
1. Quality System and Manual			
A. Is there an established quality system and a quality manual?			
B. Is the quality manual available to appropriate personnel?			
C. Is the quality system documentation kept current and readily available to employees, customers, auditors or designee(s)?			
D. Does the quality control manual include a detailed description of:			
1) the organization and relationship of the QC department to the rest of the organization?			
2) the assignment of personnel by title, for specific functions within the quality system?			
3) the revision control system for the quality system documentation?			
4) record keeping system?			
5) training requirements and records?			
6) shelf life control system?			
7) control of incoming discrepant parts and supplies?			
8) receiving inspection procedures?			
9) test and inspection equipment calibration program?			
10) storage facilities and specifications?			
11) part identification system?			
12) environmental controls?			
13) inspection stamp control?			
14) self-audit/evaluation program?			
15) corrective action process			
2. Self-Audit/Evaluation Program			
A. Is there an established documented self-audit/evaluation program, which identifies who within the company is responsible for conducting self-audits, the frequency of audits, audit documentation and corrective action?			
3. Facilities			
A. Does the storage areas provide:			
1. adequate space and appropriate racks to prevent damage or mishandling?			
2. adequate security from unauthorized access?			
3. segregation of aircraft from non-aircraft parts?			
4. segregation of serviceable from non-serviceable parts?			
4. Training and Authorized Personnel			
A. Are personnel who perform inspection, shipping and receiving functions properly trained?			
B. Are inspection personnel properly authorized?			
C. Are both formal classroom and on-the-job training documented and maintained?			
D. Is a roster of personnel authorized to perform inspection functions maintained?			
E. Does training program address unapproved and counterfeit parts?			

Bernoulli Aerospace Quality Assurance Manual

Bernoulli Aerospace Supplier Audit Form

	Y	N	N/A
5. Procurement			
A. Does the system assure that parts procured conform to the customer's documentation requirements?			
B. Does the quality system assure that parts conform to the customer's purchase request and that deviations are disclosed and approved by the customer?			
C. Does the system require the distributor/dealer to maintain a list of approved suppliers and a quality history for each?			
D. Does the quality system assure that parts procured for sale:			
1) which are known to have been subjected to conditions of extreme stress, heat or environment are identified?			
2) that all represented Airworthiness Directives (AD's) which have been accomplished are documented?			
3) that are identified as overhauled, repaired or modified have all appropriate signed and dated documentation?			
6. Receiving Inspection			
A. Does the quality system provide for a visual inspection of all items received and accompanying documentation?			
B. Is there a procedure for reporting unapproved parts in accordance with FAA Advisory Circular 21-29?			
C. Is there an accountability system in place to control stamp issuance, usage and replacement?			
7. Measuring and Test Equipment			
A. Is there an effective calibration program for test equipment?			
8. Material Control			
A. Is material handled in an appropriate manner and is the material protected from damage & deterioration?			
B. Is batch/lot control maintained for parts so identified by the manufacturer?			
C. Is there a system in place for recall control which ensures that parts shipped can be traced and recalled?			
D. Whenever practical, is material stored & delivered in the manufacturer's original packaging?			
E. Does the system specify material control requirements for material subject to damage by electrostatic discharge?			
F. Does the system assure that serviceable parts/components are adequately protected against the environment?			
G. Does the system assure that no part number ambiguity exists?			
H. Does a closed loop system exist to implement corrective action following detection of substandard or nonconforming parts?			
I. Is there a documented procedure in place to mutilate scrapped parts to prevent the possibility of their being restored and returned to service?			
J. Are suspected unapproved parts reported to the FAA according to AC 21-29 or to the appropriate CAA?			

Bernoulli Aerospace Quality Assurance Manual

Bernoulli Aerospace Supplier Audit Form

	Y	N	N/A
9. Shelf Life Control			
A. Does the distributor have a system for identifying and controlling shelf life-limited parts?			
10. Certification and Release of Materials			
A. Does the system call for providing the customer with appropriate documentation?			
B. Does the system provide for the issuance of a certified statement disclosing that the material or parts were or were not:			
1) subjected to conditions of extreme stress, heat or environment;			
2) parts previously installed in a public aircraft, such as a government use aircraft or a military aircraft.			
11. Shipping			
A. Does the quality system require shipments in ATA-300 containers or equivalent as appropriate for the unit being shipped, or as specified by the customer?			
B. Does the quality system provide for a visual inspection of all items and accompanying documentation prior to shipping?			
C. Does the quality system require documentation for each article that is shipped as a drop shipment to be reviewed and approved?			
12. Records			
A. Does the record system require record retention for at least 7 years from the date of sale to the customer?			
B. Does the system require all life-limited parts have records confirming current life limited status?			
C. Are records protected against damage, alteration, deterioration and loss?			
13. Technical Data Control			
A. Does the quality system provide for maintaining technical data in a manner which ensures such data is up-to-date and accessible?			
14. Corrective Action Process			
Does the quality system include a process for addressing corrective actions?			
15. Hazmat Control and Transport			
A. Is there a system in place governing the control of hazardous material and transport of hazardous material that meets Title 49 of the Code of Federal Regulations (49 CFR)?			

Bernoulli Aerospace Quality Assurance Manual



RECEIVING/CHECK-IN

1315 NW 98th CT
Doral, FL 33172
TEL: +1 786 615 6816
www.bernoulliaerospace.com

PO# RO# SO# DATE:

STAGE 1: To be completed upon receipt of unit

YES NO N/A

Has the package been visually inspected for damage during shipment?

☐ ☐ ☐

(If damaged) have pictures been taken and sent to salesrep?

☐ ☐ ☐

Is the PO/RO from an Approved Vendor / Repair Station / Current Customer?

☐ ☐ ☐

(If not) has salesrep been contacted?

☐ ☐ ☐

STAGE 2: Inspection - Visual Inspection of Unit

Has the part been checked for any obvious physical damage?

☐ ☐ ☐

Are all appropriate plugs and caps installed?

☐ ☐ ☐

STAGE 3: Documentation

Description: P/N: S/N:

Condition: QTY: Release:

Does the info (P/N, S/N, etc.) on the release match the part?

☐ ☐ ☐

Does the info (P/N, S/N, etc.) on the ATA-106 / Trace match the part?

☐ ☐ ☐

Does the ATA-106 have a Non-Indicent Statement attached?

☐ ☐ ☐

Obtained From: Last Operator / Traceable to:

STAGE 4: Material Stock / Document Scanning / Receive into system

Have detailed picture been taken and attached to inventory line?

☐ ☐ ☐

Has the Tag & Teardown Report been scanned and attached inventory line?

☐ ☐ ☐

Has the Cert and Trace been scanned and attached to the inventory line?

☐ ☐ ☐

Part has been stocked at location:

Completed and Received into system by:

FOR MANAGED REPAIR ORDERS, HOLD UNIT IN RECEIVING UNTILL ASSIGNED TO REPAIR STATION FOR SHIPPING. PLEASE ALERT SALES REP THAT UNIT HAS BEEN REC.

FOR DISCREPANCIES PLEASE ALERT SALES REP IMMEDIATELY.

Revision B

IF THE PART HAS ESD INDICATORS SUCH AS  , PERFORM THIS INSPECTION ON THE ESD STATION


QAFORM6

Bernoulli Aerospace Quality Assurance Manual



1315 NW 98TH CT,
DORAL, FL 33172
TEL: +1 786 615 6816
www.bernoulliaerospace.com

SHIPPING CHECKLIST

SO#	CUSTOMER PO#	RO#	DATE:		
			Y	N	N/A
1.	If ESD indicators such as  , perform inspection on ESD Station		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Was unit checked for obvious physical damage?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Verified that all appropriate plugs and caps are installed? (see below)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Verified that PN, SN, etc. match ALL documentation?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Verified that QTY, PN, etc. match the SO/PO/RO?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Verified that the packing slip matches the SO/PO/RO?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Verified that the shipping box/container was undamaged?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Verified that all proper documentation is included?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a.	ATA106 Form:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b.	8130/EASA/equivalent:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c.	Trace documents:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

WARNING: TAPE SHALL NOT BE USED TO COVER ELECTRICAL CONNECTIONS OR FLUID FITTINGS/OPENINGS. ADHESIVE RESIDUE CAN INSULATE ELECTRICAL CONNECTIONS AND CONTAMINATE HYDRAULIC OR FUEL UNITS.

SHIPPED BY:

SHIP DATE:

QA FORM 7

REVISION B Updated on 03/02/2024

Receiving/Material Discrepancy Log

Date	PO number	P/N	S/N	QTY	Company	Discrepancy	Action Taken

QAMFORM8 Rev Original

Scrapped Parts Log

Date	P/N	S/N	Description	Verified by

QAMFORM9 Rev Original

Stamp Control Log

Stamp #	Date issued	Date retired	Inspector name	Imprint

QAMFORM11 Rev Original

DROP SHIP CHECKLIST

When a part is to be shipped from a supplier directly to the customer (bypassing our receiving and shipping process), this Checklist shall be completed by the person approving the transaction.

Date:

Customer and their PO Number:

- ☐ I have reviewed all the requirements from the customer.
- ☐ I have reviewed all available documents regarding the part condition and trace.
- ☐ I have reviewed any available pictures of the part.
- ☐ I have given our instructions to the supplier.
- ☐ I will assure all documents, pictures, PO, shipping documents, and this checklist are added to our applicable records.

Based on these reviews, I am satisfied this shipment meets the requirements of our customer and our quality system, and hereby approve this Drop Shipment:

Name and signature:

Date:

QAMFORM12

Rev Original

Bernoulli Aerospace Quality Assurance Manual

APPROVED SUPPLIER LIST

COMPANY	FAA AC 00-56 ACCREDITED	AFRA ACCREDITED	AIRLINE	REPAIR STATION/AMO	OEM OR THEIR AUTHORIZED DISTRIBUTOR	ISO/AS/EN	SUPPLIER AUDIT FORM ON FILE	

QAMFORM 13 Rev Original