

14153 QAP-CSI008122305
DTD 18 MAY 09

**DEFENSE SUPPLY CENTER PHILADELPHIA
QUALITY ASSURANCE PROVISION**

**NSN: 5306-00-812-2305
P/N NAS1303-8H**

This Quality Assurance Provision (**QAP**) is to be used in conjunction with any orders/contracts for the cited **NSN**

FIRST ARTICLE REQUIREMENTS		1. DATE 20090505
<i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>		
2. P/R/MIPR NUMBER	3. PART NUMBER NAS1303-8H	4. NSN 5306-00-812-2305
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>3</u> UNIT(S) OF LOT/ITEM _____		
AND WILL BE: <input checked="" type="checkbox"/> PART OF PRODUCTION QUANTITY <input type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY		
6. ARTICLES <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD	7. LONG LEAD TIME ITEMS <input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED <i>(See FAR 52.209-3 or -4, alternate II)</i>	
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <i>(See FAR 52.209-3 or -4 Alternate I)</i> <input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED "The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."		
<p>9. TEST/INSPECTION REQUIREMENTS</p> <p>A. <input checked="" type="checkbox"/> CONTRACTOR TESTING <input type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>identified in block 12.</u></p> <p>B. The detailed technical requirements for First Article approval tests are contained in <u>N/A</u> <i>(Cite Spec and Para number)</i></p> <p>C. <input type="checkbox"/> TEST PLAN REQUIRED (1) DD Form 1423 ELIN <u>N/A</u> (2) Delivery due _____ calendar days from date of contract. (3) Number of days for government approval/disapproval _____ days.</p> <p>D. Contractor's notification to ACO and _____ <i>(Requesting Activity)</i> of test time and location due _____ days prior to start of testing.</p> <p>E. <input checked="" type="checkbox"/> FIRST ARTICLE REPORT REQUIRED (1) DD Form 1423 ELIN _____ (2) Due <u>90</u> calendar days from date of contract. (3) Forwarded to <u>address provided in block 12.</u></p> <p>(4) Government written notice of approval/disapproval due <u>90</u> days after receipt of contractor's report.</p>	<p>F. FIRST ARTICLE DELIVERY:</p> <p>(1) Due within _____ calendar days from date contract. (2) Notify _____ calendar days prior to shipment. (3) Delivered to government at _____ <i>(Set Forth Consignee and Address)</i></p> <p>(4) Government written notice of approval/disapproval within _____ days after receipt of first article package.</p> <p>G. Estimated cost of government testing/inspection evaluation. \$ <u>\$750.00</u></p>	
10. DISPOSITION OF FIRST ARTICLES <u>N/A</u>		
<input type="checkbox"/> Approved First Articles will be forwarded to _____ <input type="checkbox"/> _____ <i>(insert quantity)</i> First Articles will be expended in testing. Residual components of disapproved First Articles <input type="checkbox"/> will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor. <input type="checkbox"/> First Articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity.		
<input type="checkbox"/> Disapproved First Articles will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor <input type="checkbox"/> On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)). a. Approved First Articles will be returned to the contractor for shipment with production item. b. Disposition of disapproved First Articles will remain the same as marked above. <input type="checkbox"/> Other Disposition: _____		

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11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

- a. Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the Government, DoD, Air Force.
- b. Offerors currently in production of the same or similar article for a Government, DoD, Air Force contract and who have received First Article approval under the existing contract.
- c. Offerors who have previously furnished production quantities of the same or similar articles to the Government, DoD, Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.
- d. Provided not more than 36 months have elapsed since completion of the contract.
- e. First Article testing will not be waived.
- f. See Remarks in block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (*That is, both with and without requirement for first article approval*) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE B. CONTRACT NUMBER C. DATE OF CONTRACT D. SPECIFICATION NUMBER AND REVISION

12. REMARKS

9.A&B. The contractor shall forward a First Article Report which includes the following. For each of three (3) first articles, measurements for all required dimensions shall be recorded. All material certifications shall also be included. In addition, certifications for all required processes shall be provided. The pertinent specifications appear in document number NAS1303.

9.E(3) The contractor shall forward the First Article Report to the address provided below. However, the contractor shall not send the actual first article assets to the Government, unless specifically directed to do so.

OC-ALC/ENSDD
3001 STAFF DRIVE
STE 1AB85A
TINKER AFB, OK 73145-3041
DODAAC FA8111

Justification for a first article: The subject shear bolt is utilized in multiple critical applications, such as on the landing gear of high performance military aircraft. For this reason, it is characterized as a Critical Safety Item (CSI). Therefore, strict conformance with the manufacturing specifications shall be verified.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone)
BACKER, Bernard C. (423 SCMS/GUEA), DSN: 336-2859

14. PR INITIATOR (Name, Organization, Phone)

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1. MANUFACTURE PER AIA/NAS NAS1303.

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2. WHEN CHECKED BELOW OR LISTED IN THESE NOTES, DEFINITIONS APPLICABLE TO THIS PRODUCT ARE OR HAVE:

(A) **ENGINEERING CRITICAL IN APPLICATION:** An item, which requires special manufacturing processes, controls, and testing of material or end items. Because of its use or application, failure to maintain the highest reliability of such an item could be catastrophic resulting in loss of life or serious injury, loss of a weapon system or extensive secondary damage, with direct impact on the capability to respond to a national emergency or to achieve wartime sustainability.

(B) **CRITICAL CHARACTERISTICS:** Characteristics which, when defective, are likely to result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product; or, are likely to prevent performance of the tactical function of a major end item such as an aircraft, missile, space vehicle, engine or a major part thereof. (Derived from MIL-STD-1916).

(C) **MAJOR CHARACTERISTICS:** Characteristics (other than critical or minor), which, when defective, are likely to result in failure or to reduce the usability of the product or a major end item for its intended purpose. (Derived from MIL-STD-1916).

(D) **MINOR CHARACTERISTICS:** All characteristics not designated as critical or major but for which full conformity is required

(E) **COMPLEX:** Items having quality characteristics not wholly visible (hidden characteristics), in the end product for which contractual conformance must be established progressively through precise measurements, tests or controls applied during purchasing, manufacturing, performance, assembly and functional operation either as an individual item or in conjunction with other items [FAR SUBPART 46.203(b)].

(F) **COMMERCIAL:** Described in commercial catalogs, drawings or industrial standards [FAR SUBPART 46.203(a), (1)].

THIS PRODUCT HAS BEEN DETERMINED TO BE OR CONTAINS (AS CHECKED BELOW):

- Engineering critical in application.
- Critical characteristics.
- Major characteristics.
- Minor characteristics, all except critical and major.
- Complex.
- Available as a commercial product.

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3. When materials, processes or components are to be obtained from directed sources as indicated herein or in the specifications, alternate sources may only be utilized upon prior approval by the contracting officer of this procuring activity as a deviation.

Bidders shall notify this procuring activity at the time of quotation of any drawing, specification or standard which is of more current data revision than those shown on the data listing or in these engineering notes. Determination of acceptability of the more currently dated data will be made by the responsible engineering office of this procuring activity.

Lower tier specifications listed in or referenced by first tier specifications may not be shown on the data lists or engineering notes accompanying this contract but are nonetheless required by this contract for compliance. Exceptions would occur only when such lower tier requirements have been specifically waived or substitute specifications/requirements are designated herein.

Reports, process sheets, inspection methods sheets and all other documents required by specifications imposed by this contract for contractor compliance which were previously required to be submitted to a prime design contractor shall be held at that facility for review by government personnel.

When prime design source specifications require or provide for participation by that prime source quality, manufacturing, laboratory or engineering support services, these requirements or provisions do not apply when the contract was issued by this procuring activity. For these services or direction pertaining thereto, contact the cognizant government contract administration office or this procuring activity for assistance.

The contractor is responsible for assuring that all dimensions, conditions, tests and test results identified in these engineering notes, applicable drawings, specifications and contract quality requirements are met by themselves and their suppliers. This requirement applies to all characteristics whether those characteristics have been specifically designed as being critical, major or are those minor characteristics not specifically designated as such.

PROCESS DATA REQUIREMENTS (CHECK WHEN APPLICABLE)

Prior to beginning of manufacture, the contractor will notify the engineering office of this procuring activity of all manufacturing process and processing procedures intended for use in production of this product. Once these processes are established, no changes shall be made without prior approval of the engineering office of this procuring activity.

SERIALIZATION OF PARTS (CHECK WHEN APPLICABLE)

Serialization of each part/assembly (contract end item) is required.