14153 **QAP-CSI001448009**
DTD 18 MAY 09

DEFENSE SUPPLY CENTER PHILADELPHIA
QUALITY ASSURANCE PROVISION

NSN: 5306-00-144-8009
P/N 3024T06P01

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

FIRST ARTICLE REQUIREMENTS

(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)

1. DATE: 12 FEB 2009

2. PR/MIPR NUMBER	3. CAGE / REFERENCE NUMBER	4. NSN
	99207 / 3024T06P01	5306001448009SX

5. FIRST ARTICLE QUANTITY

THE FIRST ARTICLE IS 3 UNIT(S) OF LOT/ITEM EA

AND WILL BE: [X] PART OF PRODUCTION QUANTITY [ ] IN ADDITION TO PRODUCTION QUANTITY

6. ARTICLES

[ ] WILL [X] WILL NOT SERVE AS A MANUFACTURING STANDARD

7. LONG LEAD TIME ITEMS

[ ] REQUIRED [X] NOT REQUIRED

(See FAR 52.209-3 OR -4, alternate II)

8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES *(See FAR 52.209-3 OR -4 Alternate I)*

[ ] REQUIRED [X] 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."

9. TEST/INSPECTION REQUIREMENTS

A. [ ] CONTRACTOR TESTING

[X] GOVERNMENT TESTING

Performance or other characteristics which the First Articles must meet are

Drawings, specifications, and engineering instructions.

B. The detailed technical requirements for First Article approval tests are contained in

See "A" above.

(Cite Spec and Para number)

C. [ ] TEST PLAN REQUIRED

Number of days for government approval/disapproval _____ days.

D. Contractor's notification to ACO and

538 ACSS/GFEA

(Requesting Activity)

of test time and location due 30 days prior to start of testing.

E. [ ] TEST REPORT REQUIRED

(1) Forwarded to

(2) Government written notice of approval/disapproval due _____ days after receipt of contractor's report.

F. FIRST ARTICLE DELIVERY

(1) Due within 90 calendar days from date contract.

(2) Notify 15 calendar days prior to shipment.

(3) Delivered to government at

See block 12

(Set Forth Consignee and Address)

(4) Governement written notice of approval/disapproval within 120 days after receipt of first article package.

G. Estimated cost of government testing/inspection evaluation.

$2,500.0000

10. DISPOSITION OF FIRST ARTICLES

[X] Approved First Articles will be forwarded to

Supply

[ ] _____ *(insert quantity)* First Articles will be expended in testing. Residual components of disapproved First Articles

[ ] will be returned to the contractor

[ ] will be retained by _____

pending disposition instructions from the contractor.

[ ] 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.

[X] Disapproved First Articles

[ ] will be returned to the contractor

[X] will be retained by USAF

pending disposition instructions from the contractor.

[X] 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.

[X] Other Disposition:

See block 12

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

a. [X] Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the

[X] Government, [ ] DoD, [ ] Air Force.

b. [X] Offerors currently in production of the same or similar article for a [X] Government, [ ] DoD,

[ ] Air Force contract and who have received First Article approval under the existing contract.

c. [X] Offerors who have previously furnished production quantities of the same or similar articles to the

[X] 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 _____ months have elapsed since completion of the contract.

e. [ ] First Article testing will not be waived.

f. [X] 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

NAME LATHAM, DAVID J DATE 12 FEB 2009
FAI JUSTIFICATION

THE INTEGRITY, FIT, AND FUNCTION OF THIS ITEM IS CRITICAL TO SAFE FLIGHT AND ENGINE OPERATION. IN ORDER TO COMPLY WITH DRAWING SPECIFIED DIMENSIONAL TOLERANCES, MATERIAL CERTIFICATIONS, AND PROCESS REQUIREMENTS, A CONTRACTOR MUST HAVE EXPERTISE, SOPHISTICATED FACILITIES, AND BE ABLE TO IMPLEMENT STRINGENT QUALITY CONTROLS. IT IS THEREFORE

NECESSARY TO VERIFY THE CONTRACTORS ABILITY TO PRODUCE THIS ITEM.

BLOCK 9F(3) DELIVER FIRST ARTICLES TO:

DDOO-SFC (FIRST ARTICLES)
BLDG 18 DOOR 4 (EXT 97902)
8080 PERIMETER RD
TINKER AFB, OK 73145-8000
DODAAC: FY2033

MARK FOR:
FIRST ARTICLES
ATTN: DDOO-SFC
DO NOT POST: NON-ACCOUNTABLE
DO NOT PUT IN SUPPLY

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR APPROVING TEST *(Name, Organization, Phone)*	14. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING TEST *(Name, Organization, Phone)*
DAVID J LATHAM 538 ACSS 405-734-1758 884-1758	

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X 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 process, 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) **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)].

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

(D) **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).

(E) **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).

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

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

- [X] Engineering critical in application.
- [ ] Critical characteristics.
- [X] Major characteristics.
- [X] Minor characteristics, all excepting critical and major.
- [ ] Complex.
- [ ] Available as a comerical product.

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

_X_ Bidders are requested to notify the contracting officer in writing as soon as is practicable of any drawing, specification, standard or other required technical data which is of more current date/revision than that shown on the Engineering Data List.

_X_ Contractor is authorized to the extent specified herein to use standards, specifications, and other required technical data which are of a more current date/revision than those shown on the Engineering Data List. Proposed changes to revision-in-use other than those allowed by this paragraph must be submitted in writing to the contracting officer for approval by the cognizant engineering authority.

a. **VENDOR DRAWINGS, VENDOR MASTER DRAWINGS (MYLARS), AIRFOIL DATA, CONTOUR DATA, AND PERFORMANCE DATA:** (e.g. 1234m56, 658972, AD658972, IC658972, IF-658972) Revisions specified on the ENGINEERING DATA LIST are the revisions to be used for manufacturing. Requests to use later revisions must be submitted for approval in writing to the contracting officer, along with the newer revision document, for approval by the cognizant engineering authority.

b. **VENDOR SPECIFICATIONS, VENDOR STANDARDS, INSPECTION PHOTOGRAPHS:** (e.g. P1TF3, PWA360, EPS14500) The revisions specified on the Engineering Data List form a baseline minimum revision status, and are the most recent revisions the government can provide. No revision before that shown in the Engineering Data List will be used. Revisions later than those specified in the Engineering Data List may be used provided:
    1. The contractor notifies the contracting officer in writing of the revision to be used, and
    2. The new revision does not and will not affect form, fit, or function of the part, process, or material being manufactured and/or supplied, and
    3. Use of the new revision will not increase the cost to the government of compensation for the product being supplied, and
    4. The Engineering Notes do not contain a clause specifically excluding the allowances of this paragraph.

c. **INDUSTRY SPECIFICATIONS/STANDARDS, MILITARY SPECIFICATIONS/STANDARDS, QUALIFIED PRODUCT LIST** (QPL): (e.g. AMS 5613, ANSI Y14.5, MIL-STD-130, QPL 25135) The revision to be used will be the revision in effect on the

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dates of opening of solicitation. Later revisions of these documents are approved for use provided:

1. The new revision does not and will not affect form, fit, or function of the part, processes, or material being manufactured and/or supplied and
2. Use of the new revision will not increase the cost to the government of compensation for the product being supplied.

_X_ 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.

_X_ 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.

_X_ 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.

_X_ 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.

_X_ Prior to beginning of manufacture, the contractor will notify the engineering office of this procuring activity of all manufacturing processes 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 each part/assembly (contract end item)is required.

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENs)

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GENERAL NOTES

1. Parts shall be identified per MIL-STD-130, using the methods specified by P23TF3 and applicable drawing (s).

2. Major Characteristics are identified by this symbol: ⊖

3. Use AS8879 in lieu of MIL-S-8879.

4. Use S-1000 for quality control requirements and P1TF3 for interpretation of Class B Material Release in lieu of P3-TE10

5. Use AS7471 in lieu of AMS7471.

CONTROLLED PROCESSES

1. Material
2. Fluorescent Penetrant Inspection