

14153 QAP-CSI010095077  
DTD 29 APR 08

**DEFENSE SUPPLY CENTER PHILADELPHIA  
QUALITY ASSURANCE PROVISION**

**NSN: 5310-01-009-5077  
P/N: 9138M31P02**

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

FIRST ARTICLE REQUIREMENTS			1. DATE
<i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>			20060501
2. P/R/MIPR NUMBER	3. PART NUMBER	4. NSN	
	9138M31P02	5306-01-009-5077	
5. FIRST ARTICLE QUANTITY			
THE FIRST ARTICLE IS <u>10</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		7. LONG LEAD TIME ITEMS	
<input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD		<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 checked="" type="checkbox"/> REQUIRED <input 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.*			
9. TEST/INSPECTION REQUIREMENTS		F. FIRST ARTICLE DELIVERY:	
A. <input checked="" type="checkbox"/> CONTRACTOR TESTING <input type="checkbox"/> GOVERNMENT TESTING		(1) Due within _____ calendar days from date contract.	
Performance or other characteristics which the First Articles must meet are <u>drawing #9138M31 and all specifications on the drawing</u>		(2) Notify _____ calendar days prior to shipment.	
B. The detailed technical requirements for First Article approval tests are contained in <u>verifiable dimensions on the drawings and applicable engineering notes</u> <i>(Cite Spec and Para number)</i>		(3) Delivered to government at _____ _____ <i>(Set Forth Consignee and Address)</i>	
C. <input type="checkbox"/> TEST PLAN REQUIRED		(4) Government written notice of approval/disapproval within _____ days after receipt of first article package.	
(1) DD Form 1423 ELIN _____		G. Estimated cost of government testing/inspection evaluation.	
(2) Delivery due _____ calendar days from date of contract.		\$ <u>250.00</u>	
(3) Number of days for government approval/disapproval _____ days.			
D. Contractor's notification to ACO and <u>547 CBSS/GBEA</u> <i>(Requesting Activity)</i>			
of test time and location due <u>30</u> days prior to start of testing.			
E. <input checked="" type="checkbox"/> TEST REPORT REQUIRED			
(1) DD Form 1423 ELIN _____			
(2) Due <u>120</u> calendar days from date of contract.			
(3) Forwarded to <u>448 MSUG/GMBUED, Attn: F. A. Monitor, 3001 Staff Drive, STE 1AB-85A, Tinker AFB, OK 73145-3041</u> <u>DODMAC: FAR111</u>			
(4) Government written notice of approval/disapproval due <u>45</u> days after receipt of contractor's report.			
10. DISPOSITION OF FIRST ARTICLES		Disapproved First Articles will be returned to the contractor/ will be retained by _____ pending disposition instructions from the contractor	
<input type="checkbox"/> Approved First Articles will be forwarded to _____		On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)).	
<input type="checkbox"/> _____ <i>(insert quantity)</i> 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.		a. Approved First Articles will be returned to the contractor for shipment with production item.	
<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.		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

448 MSUG/GMBUED  
 3001 Staff Drive, STE 1AB-85A  
 Tinker AFB OK 73145-~~3036~~ 3041  
 DODACC: FA 8111  
 ATTN: F.A. MONITOR

Block 11(f) - All requests for waiver of First Article testing shall be forwarded to the cognizant engineering authority (448 HPSG/GBHCE) for approval. First Article testing will be waived if the contractor is the OEM (General Electric Aircraft Engine Co.)

Justification for First Article: The First Article is required to verify that the contractor is capable of meeting all of the contract requirements for acceptance. In addition, FAR 9.3 applies.

FAI JUSTIFICATION

THIS ITEM IS CRITICAL TO THE SAFE OPERATION AND USE OF THE END ITEM. THE ENGINEERING DATA (BLUEPRINTS, ENGINEERING INSTRUCTIONS, ETC) CONTAINS CLOSE TOLERANCES AND COMPLEX PROCESSES AND/OR OPERATIONS WHICH REQUIRE VERIFICATION OF A CONTRACTOR'S ABILITY TO PRODUCE THIS ITEM. CONDITIONS OF FIRST ARTICLE WAIVER ARE AS OUTLINED IN BLOCK 11 ABOVE.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone)

Kyle Streetman  
 547 CBSS/GBEA      DSN:884-4689

14. PR INITIATOR (Name, Organization, Phone)



TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENs)

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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):

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

- 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.
- 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.

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02 May 06

## I. GENERAL NOTES

- A. PARTS SHALL BE IDENTIFIED PER MIL-STD-130 USING THE METHOD(S) SPECIFIED BY P23TF3 AND THE APPLICABLE DRAWING(S).
- B. CRITICAL AND MAJOR CHARACTERISTICS ARE IDENTIFIED BY THE SYMBOLS  $\oplus$  AND  $\ominus$  RESPECTIVELY.

## II. CONTROLLED PROCESSES

- A. FLUORESCENT PENETRANT INSPECTION
- B. MATERIAL
- C. WET GRIT BLASTING