

**QAP-011945477**  
**DTD 31 JAN 08**

**DEFENSE SUPPLY CENTER PHILADELPHIA  
QUALITY ASSURANCE PROVISION**

**NSN: 5315-01-194-5477  
P/N:5037M66P01**

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

FIRST ARTICLE REQUIREMENTS <small>(AFMCI 84-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</small>			1. DATE <b>20071030</b>
2. P/R/MIPR NUMBER	3. PART NUMBER <b>5037M66P01</b>	4. NSN <b>5315-01-194-5477</b>	
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>3</u> UNIT(S) OF LOT/ITEM <u>Each</u>			
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 checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED <small>(See FAR 52.209-3 or -4, alternate 1)</small>	
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <small>(See FAR 52.209-3 or -4 Alternate 1)</small> <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED <small>"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."</small>			
9. TEST/INSPECTION REQUIREMENTS		F. FIRST ARTICLE DELIVERY:	
A. <input type="checkbox"/> CONTRACTOR TESTING <input checked="" type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet <u>As specified on the part drawing, in the referenced / called out specifications and on Engng. Inst. sheets.</u>		(1) Due within <u>180</u> calendar days from date contract.	
B. The detailed technical requirements for First Article approval tests are contained in <u>In addition to the requirements detailed in 9.A, above, a fit check shall also be performed.</u> <small>(Cite Spec and Para number)</small>		(2) Notify <u>30</u> calendar days prior to shipment.	
C. <input type="checkbox"/> TEST PLAN REQUIRED (1) DD Form 1423 ELIN _____ (2) Delivery due _____ calendar days from date of contract. (3) Number of days for government approval/disapproval _____ days.		(3) Delivered to government at <b>SEE REMARKS IN BLOCK 12.</b>	
D. Contractor's notification to ACO and _____ <small>(Requesting Activity)</small> of test time and location due _____ days prior to start of testing.		<small>(Set Forth Consignee and Address)</small> (4) Government written notice of approval/disapproval within <u>90</u> days after receipt of first article package.	
E. <input type="checkbox"/> TEST REPORT REQUIRED (1) DD Form 1423 ELIN _____ (2) Due _____ calendar days from date of contract. (3) Forwarded to _____ _____ _____ (4) Government written notice of approval/disapproval due _____ days after receipt of contractor's report.		G. Estimated cost of government testing/inspection evaluation. <b>\$ 52,500.00</b>	
10. DISPOSITION OF FIRST ARTICLES			
<input type="checkbox"/> Approved First Articles will be forwarded to _____		<input type="checkbox"/> Disapproved First Articles will be returned to the contractor/ <input checked="" type="checkbox"/> will be retained by <u>the USAF</u> pending disposition instructions from the contractor	
<input checked="" type="checkbox"/> <u>1</u> <small>(insert quantity)</small> First Articles will be expended in testing. Residual components of disapproved First Articles <input type="checkbox"/> will be returned to the contractor <input checked="" type="checkbox"/> will be retained by <u>the USAF</u> 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 checked="" type="checkbox"/> First Articles will be installed on aircraft/equipment to determine proper 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"/> Other Disposition: _____	

2. PIR/MIPR NUMBER	3. PART NUMBER 5037M66P01	4. NSN 5315-01-194-5477
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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
  - Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.
  - Government,  DoD.
- 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

**FAI JUSTIFICATION**

The integrity, fit, and function of this item are 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. Therefore, it is necessary to verify the contractor's ability to produce this item. Conditions for First Article waiver are as outlined in BLOCK 11 above.

**BLOCK 9.E.(3) and 9.F.(3) DELIVER GOVERNMENT FIRST ARTICLES TO:**

**DELIVER GOVERNMENT FIRST ARTICLES TO:**

DDOO-SOP (FIRST ARTICLES)  
BLDG 18 DOOR 16 (405) 739-7667  
8080 PERIMETER RD  
TINKER AFB, OK 73145-8000  
DODAAC: FY2303

**MARK FOR: FIRST ARTICLES**

ATTN: DDOO-SOP  
DO NOT POST: NON-ACCOUNTABLE  
DO NOT PUT IN SUPPLY  
DODAAC: FY2303

**NOTE:**

Please ensure that the words "FIRST ARTICLE" are clearly and conspicuously marked on the outside of the shipping container/ package.

**BLOCK 11.F. CONDITIONS FOR WAIVER OF FIRST ARTICLE TESTING**

Offerors who have previously furnished the same article to the USAF, provided those same articles have exhibited satisfactory performance in service, in the opinion of the Government.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone) Gary L. Haynes 546 CBSS/GBEB, DSN 336-7808	14. PR INITIATOR (Name, Organization, Phone)
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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.

**TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENS)**

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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 utilized 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

## TECHNICAL DATA PACKAGE - ENGINEERING NOTES (Ens)

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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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31 Oct 2007**GENERAL NOTES**

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

**CONTROLLED PROCESSES**

1. Material
2. Fluorescent Penetrant Inspection

**SUPPLEMENT TO AFLC FORM 761**

DATE  
30 OCT 2007

NOUN  
Pin, Stop

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PART NUMBER  
5037M66P01

*Only the checked statement applies to this NSN.*

**QUALIFICATIONS REQUIREMENTS PRIOR TO 19 OCT 84**

• **Section F.1**

This item qualifies under FAR 9.206-1(a)(2) and the requirements of FAR 9.202(a) are not applicable. Prequalification of sources is essential to maintain high quality and maximum operational safety.

• **Section F.2**

(a) \_\_\_\_\_ Qualification requirements are set forth in OC-ALC Source Approval Information Booklet. Due to the complexity and criticality of this part, **only actual manufactures** that have successfully completed all testing required by the original company responsible for the design, can be considered approved sources for this item.

(b) X Qualification requirements are set forth in OC-ALC Source Approval Information Booklet. Due to the complexity and criticality of this part, **only actual manufactures** that have successfully completed all testing required by the original company responsible for the design, or **manufacturers that have successfully completed all testing on items determined by the government to be similar in complexity and criticality**, can be considered approved sources for this item.

(c) \_\_\_\_\_ Qualification requirements are set forth in OC-ALC Source Approval Information Booklet. Category III capability is permissible.

• **Section F.3**

The provisions of FAR 9.206-1 and -2, as supplemented, apply. In accordance with AFMCFARS, 1 July 97, Part 5309.206-1(e)(1), Notes A and B apply. Qualification requirements were established prior to 19 Oct 84.

**QUALIFICATION REQUIREMENTS AFTER 19 OCT 84**

*Justification for Qualification Requirement (JQR) is required.*

• **Section F.1**

Prequalification of sources is essential to maintain high quality and maximum operational safety. The requirements of FAR 9.202(a) apply.

• **Section F.2**

(a) \_\_\_\_\_ Qualification requirements are set forth in OC-ALC Source Approval Information Booklet. Due to the complexity and criticality of this part, **only actual manufactures** that have successfully completed all testing required by the original company responsible for the design, can be considered approved sources for this item.

(b) \_\_\_\_\_ Qualification requirements are set forth in OC-ALC Source Approval Information Booklet. Due to the complexity and criticality of this part, **only actual manufacturers**, that have successfully completed all testing required by the original company responsible for the design, or **manufacturers that have successfully completed all testing on items determined by the government to be similar in complexity and criticality**, can be considered approved sources for this item.

• **Section F.3**

The provisions of FAR 9.206-1 and -2, as supplemented, apply. In accordance with AFMCFARS, 1 July 97, Part 5309.206-1(e)(1), Notes A and D apply. Qualification requirements were established after 19 Oct 84.

EVALUATING ENGINEER/TECHNICIAN (Signature)  
Brenda Pack

*Brenda Pack*

SYMBOL  
558 CBSS/  
GBHBB

EXTENSION  
DSN 336-5638  
405-736-5638