

14153 QAP-CSI013239080
DTD 10 APR 09

**DEFENSE SUPPLY CENTER PHILADELPHIA
QUALITY ASSURANCE PROVISION**

**NSN: 5340-01-323-9080
P/N 1360M17G02**

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

FIRST ARTICLE REQUIREMENTS <i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>		1. DATE 02 APR 2009
2. PR/MIPR NUMBER	3. CAGE / REFERENCE NUMBER 07482 / 1360M17G02	4. NSN 5330013232875SX
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>3</u> UNIT(S) OF LOT/ITEM <u>EA</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 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 A. <input checked="" type="checkbox"/> CONTRACTOR TESTING <input type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>As specified on the part drawing, in the referenced/ called out specifications and on engineering instruction sheets.</u> B. The detailed technical requirements for First Article approval tests are contained in <u>As specified on the part drawing, in the referenced/ called out specifications and on engineering instruction sheets. A fit check will be performed.</u> <i>(Cite Spec and Para number)</i> C. <input type="checkbox"/> TEST PLAN REQUIRED Number of days for government approval/disapproval _____ days. D. Contractor's notification to ACO and <u>USAF</u> <i>(Requesting Activity)</i> of test time and location due <u>14</u> days prior to start of testing. E. <input checked="" type="checkbox"/> TEST REPORT REQUIRED (1) Forwarded to <u>PCO and 448MSUG/GBMUED (See Remarks)</u> _____ _____ _____ (2) Government written notice of approval/disapproval due <u>30</u> days after receipt of contractor's report. F. FIRST ARTICLE DELIVERY (1) Due within <u>90</u> calendar days from date contract. (2) Notify <u>7</u> calendar days prior to shipment. (3) Delivered to government at <u>see remarks in block 12</u> _____ _____ <i>(Set Forth Consignee and Address)</i> (4) Government written notice of approval/disapproval within <u>30</u> days after receipt of first article package.		

G. Estimated cost of government testing/inspection evaluation.

\$800.0000

10. DISPOSITION OF FIRST ARTICLES

Approved First Articles will be forwarded to _____

_____ (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.

Disapproved First Articles

will be returned to the contractor

will be retained by USAF pending disposition instructions from the contractor.

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.

Other Disposition: _____

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

NAME Mitchell, Edwin E

DATE 02 APR 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 TOLBRANCES, MATERIAL CERTIFICATIONS AND PROCESS REQUIREMENTS A

CONTRACTOR MUST HAVE EXPERTISE SOPHISTICATED FACILITIES AND BE ABLE TO IMPLEMENT STRINGENT QUALITY CONTROLS IT IS

THEREFOR NECESSARY TO VERIFY THE CONTRACTORS ABILITY TO PRODUCE THIS ITEM. CONDITIONS FOR FIRST ARTICLE WAIVER ARE AS OUTLINED IN BLOCK 12 ABOVE.

BLOCK 9F 3 DELIVER GOVERNMENT FIRST ARTICLES PARTS TO

DDOO SOP FIRST ARTICLES

BLDG 18 DOOR 16 Phone 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 insure that the words FIRST ARTICLE

is clearly and conspicuously marked on the outside

of the shipping container package

BLOCK 9E3 Send Reports To PCO and 448HPSG GBMUED

3001 Staff Drive, Post 1AB 85

Tinker AFB, OK 73145 3036

Attn First Article Monitor DODAAC FA8111

Block 9 This is a government test fit check with a complete contractors test report due in with first article exhibits.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR APPROVING TEST (*Name, Organization, Phone*)

Edwin E Mitchell
537 ACSS
405-736-7808
336-7808

14. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING TEST (*Name, Organization, Phone*)

ENGINEERING DATA LIST										*HISTORY*	
REVISION: 1		DATA TECH: McBride, Juanita		ORGANIZATION/OFFICE SYMBOL: 420 SCMS / GULAC		END ITEM: F110		PAGE 1 OF 3			
CAGE: 07482		MANUFACTURER NAME: GENERAL ELECTRIC COMPANY DBA GE DIV		REFERENCE NUMBER: 1360M17G02		NOUN: RETAINER,OIL SEAL		NSN: 5330013232875SX			
LINE /SUB	CAGE	ENG DRAWING NUM / ACCOMP DOC NUM	REV	NR SHEETS	FURN CODE	DIST CODE	NOUN	REMARKS	NAME:	DATE:	
L	07482	1360M17	H		R		RETAINER, IGNITER SEAL		McBride, Juanita	31 MAR 2009	
L	07482	PL1360M17	B		R		PARTS LIST		McBride, Juanita	31 MAR 2009	
L	07482	1361M95	A		R		SPACER, IGNITER		McBride, Juanita	31 MAR 2009	
L	07482	P1TF3			R		INTERPRETATION OF DRAWING		McBride, Juanita	31 MAR 2009	
L	07482	P1TF10			R		SHEET METAL PARTS		McBride, Juanita	31 MAR 2009	
L	07482	P3TF2			R		FLUORESCENT PENETRANT INSPECTION		McBride, Juanita	31 MAR 2009	

Generated By PRPS Using Oracle Reports

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REVISION: 1		ENGINEERING DATA LIST				*HISTORY*	
DATE:	DATA TECH:	ORGANIZATION/OFFICE SYMBOL:	END ITEM:	PAGE			
31 MAR 2009	McBride, Juanita	420 SCMS / GULAC	F110	2 OF 3			
CAGE:	MANUFACTURER NAME:	REFERENCE NUMBER:	NOUN:	NSN:			
07482	GENERAL ELECTRIC COMPANY DBA GE DIV	1360M17G02	RETAINER,OIL SEAL	5330013232875SX			
L	07482 P8TF3	R	WELDING	NAME: McBride, Juanita REVISION S18	DATE: 31 MAR 2009		
L	07482 P9TF1	R	BRAZING	NAME: McBride, Juanita REVISION S13	DATE: 31 MAR 2009		
L	07482 P23TF3	R	IDENTIFICATION MARKING	NAME: McBride, Juanita REVISION S38	DATE: 31 MAR 2009		
L	07482 P29TF7	R	FLUORESCENT ACCEPTABILITY LIMITS	NAME: McBride, Juanita REVISION S6	DATE: 31 MAR 2009		
L	00000 AMS 3411	O					
L	00000 AMS 4772	O					

REVISION: 1		ENGINEERING DATA LIST			*HISTORY*	
DATE:	DATA TECH:	ORGANIZATION/OFFICE SYMBOL:	END ITEM:	END ITEM:	PAGE	
31 MAR 2009	McBride, Juanita	420 SCMS / GULAC	F110		3 OF 3	
CAGE:	MANUFACTURER NAME:	REFERENCE NUMBER:	NOUN:	NSN:		
07482	GENERAL ELECTRIC COMPANY DBA GE DIV	1360M17G02	RETAINER, OIL SEAL	5330013232875SX		
L	AMS 5510	O				
L	MIL-STD-130	O				
STANDARD ENGINEERING TEXT						
NAME: McBride, Juanita DATE: 31 MAR 2009						
RELEASE OF THIS DATA TO A FOREIGN-OWNED, CONTROLLED OR INFLUENCED COMPANY IS DEPENDENT UPON THE APPROVAL OF THE FOREIGN DISCLOSURE OFFICE.						
THE CONTRACTOR SHALL USE THE MOST CURRENT AMENDMENTS APPLICABLE TO EACH MIL SPEC, MIL STD, INDUSTRY SPEC OR INDUSTRY STD AS OF THE EFFECTIVE DATE OF THIS CONTRACT UNLESS OTHERWISE NOTED						
FURNISHED METHOD CODE LEGEND:						
C - CLASSIFIED DOCUMENT.			X - DATA SUPPLIED (NOT IN JEDMICS).			
S - FURNISHED WITH SOLICITATION.			R - FURNISHED BY PCO UPON REQUEST.			
M - STABLE BASE DRAWING REQUIRED;			P - PARTIAL DOCUMENT FURNISHED.			
FURNISHED WITH CONTRACT AWARD.			V - VENDOR DRAWING;			
			(NOT PROVIDED).			
			G - GOVT DOCUMENT.			
			O - OTHERS, CONTRACTOR			
			MUST ACQUIRE.			
			A - DATA NOT			
			AVAILABLE.			

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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.

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENs)

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I. GENERAL NOTES

1. PARTS SHALL BE IDENTIFIED PER MIL-STD-130 USING THE METHOD(S) SPECIFIED BY P23TF3 AND THE APPLICABLE DRAWING(S).

II. CONTROLLED PROCESSES

1. FLUORESCENT PENETRANT INSPECTION
2. WELDING
3. BRAZING