

14153 QAP-014344012
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**DEFENSE SUPPLY CENTER PHILADELPHIA
QUALITY ASSURANCE PROVISION**

NSN: 5306-01-434-4012

P/N: 1522M77P11

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
18 NOV 2008

2. PR/MIPR NUMBER

3. PART NUMBER

4. NSN

1522M77P11

5306014344012SX

5. FIRST ARTICLE QUANTITY

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

AND WILL BE: PART OF PRODUCTION QUANTITY IN ADDITION TO PRODUCTION QUANTITY

6. ARTICLES

WILL WILL NOT SERVE AS A MANUFACTURING

7. LONG LEAD TIME ITEMS

REQUIRED 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 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

GOVERNMENT TESTING

Performance or other characteristics which the First Articles must meet are

as specified on the part drawing, in the referenced/called out specifications and on the Engineering Instruction Sheets. A fit check may also be performed.

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

the part drawing, in the referenced/called out specifications, and on the Engineering Instruction Sheets.
(Cite Spec and Para number)

C. 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.

D. Contractor's notification to ACO and

N/A
(Requesting Activity)

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

E. 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.

F. FIRST ARTICLE DELIVERY

FIRST ARTICLE DELIVERY

(1) Due within 60 calendar days from date contract.

(2) Notify 14 calendar days prior to shipment.

(3) Delivered to government at

See remarks in block 12.

(Set Forth Consignee and Address)

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

G. Estimated cost of government testing/inspection evaluation.

\$3,000.0000

10. DISPOSITION OF FIRST ARTICLES

Approved First Articles will be forwarded to
USAF Supply

1 (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 USAF
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. Offers 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. Offers 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. Offers 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 Bauman, Duane P DATE 18 NOV 2008
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 CONTRACTOR'S ABILITY TO PRODUCE THIS ITEM. CONDITIONS FOR FIRST ARTICLE WAIVER ARE AS OUTLINED IN BLOCK 11 ABOVE. THE COGNIZANT ENGINEERING AUTHORITY WILL DETERMINE THE STATUS OF SIMILARITY FOR BLOCK 11.

DELIVER GOVERNMENT FIRST ARTICLES TO:
DDOO-SOP (FIRST ARTICLES)
BLDG 18 DOOR 16 (EXT 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" are clearly and conspicuously marked on the outside of the shipping container/package.

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

14. PR INITIATOR (Name, Organization, Phone)

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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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GENERAL NOTES

1. Parts shall be identified per MIL-STD-130, using the methods specified by P23TF3 and applicable drawing (s).
2. Use AS8879 in lieu of MIL-S-8879.

CONTROLLED PROCESS

Material

AMC/AMSC SCREENING ANALYSIS WORKSHEET REPORT					PRIORITY CATEGORY			
					08			
ITEM IDENTIFICATION AND INFORMATION								
NSN 5306014344012SX		NOUN BOLT,MACHINE			END ITEM F110		PCC	ERRC N
QUANTITY 54	UNIT COST \$46.3500	IDENTIFYING NUMBER (Part No) R/N 1522M77P11			CAGE 07482	TOP DWG REV NO.		
EST ANNUAL BUY VALUE \$2,502.90				COMM OFF-THE-SHELF ITEM YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> UNKNOWN				
NUC. CERT. END ITEM YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> UNKNOWN			HARD CRIT. IND YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> UNKNOWN					
NEXT HIGHER ASSEMBLY								
NSN		NOUN			R/N		CAGE	
SUMMARY OF SCREENING ACTION								
DESIGN DISCLOSURE <input checked="" type="checkbox"/>		SPEC CONTROL		SOURCE CONTROL		MIL/IND/CONTR PERF SPEC		
ST/STE REQUIRED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> UNKNOWN		ST/STE AVAILABLE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> UNKNOWN		DATA COMPLETE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN		DATA RIGHTS LIMITED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> UNKNOWN		AAC D
AMC/AMSC 2 / C		AMC/AMSC EXP DT 17 NOV 2011		PRV AMC/AMSC /		PRV AMC/AMSC EXP DT		
AMC COMPLETION DT 18 NOV 2008				ENGINEER AMC/AMSC 2 / C				
USER TYPE	DATE/TIME IN	DATE/TIME OUT	NAME	ORGANIZATION/ OFFICE SYMBOL	COMMERCIAL PHONE	DSN PHONE		
Engineer	18 NOV 2008 / 1632	18 NOV 2008 / 1823	Bauman, Duane P	537 ACSS / GFEBB	405-736-7808	336-7808		
Screening Technician	13 NOV 2008 / 1325	18 NOV 2008 / 1632	Pack, Brenda K	420 SCMS / GULAC	405-736-5638	336-5638		
Screening Technician Workload Manager	13 NOV 2008 / 1318	13 NOV 2008 / 1325	McKinney, Michael W	420 SCMS / GULAC	405-736-5638	336-5638		
PROCUREMENT SUPPORT REQUIRED								
FIRST ARTICLE TEST <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			ENGINEERING DATA LIST REQ <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			EXPORT CONTROLLED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
PRODUCTION SAMPLE REQ YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		MLO/ARTWORK Not required			PROD SAMPLE FURN YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		ENGR NOTES <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED SOURCES								
DESIGN ACTIVITY INFORMATION								
CAGE	REFERENCE NUMBER	CONTRACTOR NAME	RNCC / RNVC	NAME	ORGANIZATION/ OFFICE SYMBOL	COMMERCIAL PHONE	DSN PHONE	
07482	1522M77P11	GENERAL ELECTRIC COMPANY	3 / 2	Pack, Brenda K	420 SCMS/ GULAC	405-736-5638	336-5638	
SUPPLIER INFORMATION								

REVISION: 1

ENGINEERING DATA LIST

HISTORY

DATE:	DATA TECH:	ORGANIZATION/OFFICE SYMBOL:	END ITEM:	PAGE
17 NOV 2008	Pack, Brenda K	420 SCMS / GULAC	F110	1 OF 2

CAGE:	MANUFACTURER NAME:	REFERENCE NUMBER:	NOUN:	NSN:
07482	GENERAL ELECTRIC COMPANY DBA GE DIV	1522M77P11	BOLT.MACHINE	53060143440125X

LINE /SUB	CAGE	ENG DRAWING NUM / ACCOMP DOC NUM	REV	NR SHEETS	FURN CODE	DIST CODE	NOUN	REMARKS	DATE:
L	07482	1522M77	H		S		Bolt, Self Retaining - Slabbed Head	NAME: Pack, Brenda K P11	17 NOV 2008
L	07482	C50TF13			S		Inconel Alloy 718 Bolts, Screws & Shouldered Studs	NAME: Pack, Brenda K Revision S19	17 NOV 2008
L	07482	J880	L		S		Bolt Marking	NAME: Pack, Brenda K P04	18 NOV 2008
L	07482	P1TF3			S		Interpretation of Drawing	NAME: Pack, Brenda K Revision S33	18 NOV 2008
L	07482	P1TF9			S		Machined Features - Shop-Run Tolerances	NAME: Pack, Brenda K Revision S14	18 NOV 2008
L	07482	P23TF3			S		Identification Marking	NAME: Pack, Brenda K Revision S38	18 NOV 2008

EDL

Generated By PRPS Using Oracle Reports

REVISION: 1

ENGINEERING DATA LIST

HISTORY

DATE: 17 NOV 2008 DATA TECH: Pack, Brenda K ORGANIZATION/OFFICE SYMBOL: 420 SCMS / GULAC END ITEM: P110 PAGE 2 OF 2

CAGE: 07482 MANUFACTURER NAME: GENERAL ELECTRIC COMPANY DBA GE DIV REFERENCE NUMBER: 1522M77P11 NOUN: BOLT,MACHINE NSN: 53060143440125X

L	00000	AS478		O	Identification Marking Methods	
L	00000	AS8879		O	Screw Threads	
L	00000	MIL-STD-130		O	Identification Marking	

STANDARD ENGINEERING TEXT

NAME: Pack, Brenda K DATE: 17 NOV 2008

- 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.
 S - FURNISHED WITH SOLICITATION.
 M - STABLE BASE DRAWING REQUIRED;
 FURNISHED WITH CONTRACT AWARD.

X - DATA SUPPLIED (NOT IN JEDMICS).
 R - FURNISHED BY PCO UPON REQUEST.
 P - PARTIAL DOCUMENT FURNISHED.
 V - VENDOR DRAWING;
 (NOT PROVIDED).

G - GOVT DOCUMENT.
 O - OTHERS, CONTRACTOR
 MUST ACQUIRE.
 A - DATA NOT
 AVAILABLE.